

FOURIER COEFFICIENTS OF A CLASS OF ETA QUOTIENTS OF WEIGHT 6

Abstract

Recently, there have been several works on the coefficients of the Fourier series expansions of a class of eta quotients by Williams, Yao, Xia and Jin, Kendirli, and Alaca. Some important explicit formulas have been discovered. Williams expressed all coefficients of one hundred and twenty-six eta quotients in terms of $\sigma(n), \sigma(\frac{n}{2}), \sigma(\frac{n}{3})$ and $\sigma(\frac{n}{6})$, and Yao, Xia and Jin, following the method of proof of Williams, expressed only even coefficients of one hundred and four eta quotients in terms of $\sigma_3(n), \sigma_3(\frac{n}{2}), \sigma_3(\frac{n}{3})$ and $\sigma_3(\frac{n}{6})$. The author has expressed the even and odd coefficients of the Fourier series expansions of a class of eta quotients in terms of $\sigma_{k-1}(n), \sigma_{k-1}(\frac{n}{2}), \sigma_{k-1}(\frac{n}{3})$ and $\sigma_{k-1}(\frac{n}{6})$ for $k = 6, 8, 10, 12, 14, 16, 18, 20, 22, 24$. Meanwhile, Alaca has obtained the coefficients of the Fourier series expansions of a class of eta quotients in $M_2(\Gamma_0, \chi)$ in terms of $\sigma(n), \sigma(\frac{n}{2}), \sigma(\frac{n}{3})$ and $\sigma(\frac{n}{6})$. Here, we will express the coefficients of the Fourier series expansions of a class of eta quotients in $M_6(\Gamma_0, \chi)$ in terms of $\sigma_5(n), \sigma_5(\frac{n}{2}), \sigma_5(\frac{n}{3}), \sigma_5(\frac{n}{6})$ and Fourier coefficients of the four eta quotients.

1. Introduction

The divisor function $\sigma_i(n)$ is defined for a positive integer i by

$$\begin{aligned}\sigma_i(n) &: = \sum_{d \text{ positive integer}, d|n} d^i, \text{ if } n \text{ is a positive integer, and} \\ \sigma_i(n) &: = 0, \text{ if } n \text{ is not a positive integer.}\end{aligned}$$

The Dedekind eta function is defined by

$$\eta(z) := q^{1/24} \prod_{n=1}^{\infty} (1 - q^n),$$

where

$$q := e^{2\pi iz}, z \in H = \{x + iy : y > 0\},$$

and an eta quotient of level n is defined by

$$f(z) := \prod_{m|n} \eta(mz)^{a_m}, n, m \in \mathbb{N}, a_m \in \mathbb{Z}.$$

There have been considerable effort to determine explicit formulas for the Fourier coefficients of eta quotients since they are the building blocks of modular forms of level n and weight k . The book of Köhler [1] (Chapter 3, pg.39) describes such expansions by means of Hecke Theta series, and it develops algorithms for the determination of suitable eta quotients. One can find more information in [2], [3], [4], [5] and [6]. The author has also determined the Fourier coefficients of the theta series associated with some quadratic forms, see [8], [9], [10], [11], [12] and [13].

Recently, Williams, see [14] discovered explicit formulas for the coefficients of Fourier series expansions of a class of one hundred and twenty-six eta quotients in terms of $\sigma(n), \sigma(\frac{n}{2}), \sigma(\frac{n}{3})$ and $\sigma(\frac{n}{6})$. One example is as follows:

$$\frac{\eta^2(2z)\eta^4(4z)\eta^6(6z)}{\eta^2(z)\eta^2(3z)\eta^4(12z)} = 1 + \sum_{n=1}^{\infty} c(n)q^n,$$

where

$$c(n) = 2\sigma(n) - 3\sigma(n/2) + 4\sigma(n/4) + 9\sigma(n/6) - 36\sigma(n/12).$$

Then Yao, Xia and Jin [15] expressed the even Fourier coefficients of one hundred and four eta quotients in terms of $\sigma_3(n), \sigma_3(\frac{n}{2}), \sigma_3(\frac{n}{3})$ and $\sigma_3(\frac{n}{6})$. One example is as follows:

$$\frac{\eta^{25}(2z)\eta^4(3z)}{\eta^{12}(z)\eta^5(4z)\eta^3(6z)\eta(12z)} = 1 + \sum_{n=1}^{\infty} c(n)q^n,$$

where

$$c(2n) = 65\sigma_3(n) - 68\sigma_3(n/2) - 81\sigma_3(n/3) + 324\sigma_3(n/6).$$

Motivated by these two results, we find that we can express the even and odd coefficients of the Fourier series expansions of a class of eta quotients in terms of $\sigma_{k-1}(n), \sigma_{k-1}(\frac{n}{2}), \sigma_{k-1}(\frac{n}{3})$ and $\sigma_{k-1}(\frac{n}{6})$ for $k = 6$ [16], 8[17], 10[18], 12[19], 14[20], 16[21],

18[22], 20[23], 22[24], 24[25]. Meanwhile, Alaca [26] has obtained the coefficients of the Fourier series expansions of a class of eta quotients in $M_2(\Gamma_0, \chi)$ in terms

of $\sigma(n), \sigma(\frac{n}{2}), \sigma(\frac{n}{3})$ and $\sigma(\frac{n}{6})$. Here, we will express the coefficients of the Fourier series expansions of a class of one hundred and fifty-six eta quotients in $M_6(\Gamma_0, \chi)$ in terms of $\sigma_5(n), \sigma_5(\frac{n}{2}), \sigma_5(\frac{n}{3}), \sigma_5(\frac{n}{6})$ and the Fourier coefficients of the four eta quotients.

Here we give the following Lemma, see [27] Theorem 1.64] about the modularity of an eta quotient.

Lemma 1. *An eta quotient of level N is a meromorphic modular form of weight $\frac{1}{2} \sum_{m|N} a_m$ on $\Gamma_0(N)$, with Dirichlet character χ , having rational coefficients with respect to q if*

$$\begin{aligned} & a) \sum_{m|N} a_m \text{ is even,} \\ & b) \sum_{m|N} m a_m \equiv \sum_{m|N} \frac{N}{m} a_m \equiv 0 \pmod{24}, \\ & c) \chi(m) = \left(\frac{(-1)^k \prod_{m|N} m^{a_m}}{m} \right). \end{aligned}$$

Now,

$$r_1 + 2r_2 + 3r_3 + 4r_4 + 6r_6 + 12r_{12} \equiv 0 \pmod{24} \implies 13(r_1 + r_{12}) + 8(r_2 + r_6) + 7(r_3 + r_4) \equiv 0 \pmod{24}$$

$$12r_1 + 6r_2 + 4r_3 + 3r_4 + 2r_6 + r_{12} \equiv 0 \pmod{24} \implies 11(r_1 - r_{12}) + 4(r_2 - r_6) + (r_3 - r_4) \equiv 0 \pmod{24}$$

$$r_1 + r_2 + r_3 + r_4 + r_6 + r_{12} = 2k \implies r_1 + r_{12} = 2k - r_2 - r_3 - r_4 - r_6 \implies$$

$$13(2k - r_2 - r_3 - r_4 - r_6) + 8(r_2 + r_6) + 7(r_3 + r_4) \equiv 0 \pmod{24}$$

$$13 * 2k - 6(r_3 + r_4) - 5(r_2 + r_6) \equiv 0 \pmod{24} \implies$$

$$5(r_2 + r_6) \equiv 0 \pmod{2} \implies$$

$$(r_2 + r_6) \equiv 0 \pmod{2}$$

$\implies$ the power of 2 is always even. So, if

$$r_3 + r_6 + r_{12} \equiv 0 \pmod{2}$$

the eta quotient is in $M_6(\Gamma_0(12))$ and if

$$r_3 + r_6 + r_{12} \equiv 1 \pmod{2}$$

the eta quotient is in $M_6(\Gamma_0(12), \chi_3)$, where $\chi_3(m) = \left(\frac{3}{m}\right) = \left(\frac{12}{m}\right)$, i.e., the primitive character mod 12.

Let χ_0 be the trivial character mod 1 i.e. it sends n to 1, $\chi_1 = \left(\frac{-4}{m}\right)$ be the primitive character mod 4 and, $\chi_2 = \left(\frac{-3}{m}\right)$ be the primitive character mod 3. Obviously, $\chi_3 = \chi_0 * \chi_3, \chi_3 = \chi_3 * \chi_0, \chi_3 = \chi_1 * \chi_2, \chi_3 = \chi_2 * \chi_1$.

Let ψ, ϕ are primitive characters modulo L and M respectively and $LM \mid N$. Then $E_k^{\psi, \phi}(tz)$ generates the Eisenstein subspace of $M_k(\Gamma_0(12), \chi), \chi = \psi \cdot \phi$, where

$$E_k^{\psi, \phi} = \delta(\psi = 1) - \frac{2k}{B_{k, \phi}} \sum_{n=1}^{\infty} \sigma_{k-1}^{\psi, \phi}(n) q^n, \sigma_{k-1}^{\psi, \phi}(n) = \sum_{0 < d \mid n} \psi\left(\frac{n}{d}\right) \phi(d) d^{k-1}.$$

In particular, since

$$2^{a_2} 3^{a_3} 4^{a_4} 6^{a_6} 12^{a_{12}} = 2^{a_2+2a_4+a_6+2a_{12}} 3^{a_3+a_6+a_{12}},$$

an eta quotient of level 12 is a meromorphic modular form of weight 6 if

$$a_1 + a_2 + a_3 + a_4 + a_6 + a_{12} = 12$$

and

$$a_1 + 2a_2 + 3a_3 + 4a_4 + 6a_6 + 12a_{12} \equiv 12a_1 + 6a_2 + 4a_3 + 3a_4 + 2a_6 + a_{12} \equiv 0 \pmod{24}.$$

Since $a_2 + a_6$ is an even integer, we conclude that it is a meromorphic modular form iff $a_3 + a_6 + a_{12}$ is an even integer, and it is a meromorphic modular form with χ_3 iff $a_3 + a_6 + a_{12}$ is an odd integer, where χ_3 is the unique primitive Dirichlet character mod 12. On the other hand, the modular forms are holomorphic iff its order at cusps, $\frac{1}{1}, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{1}{6}$ and $\frac{1}{12}$ are nonnegative, see [1] i.e.,

$$\sum_{m \mid 12} \frac{(\gcd(c, m))^2}{m} a_m \geq 0 \text{ for } c \mid 12.$$

Theorem 1. *Let χ_0 be the trivial character mod 1, i.e., it sends n to 1, χ_1 be the primitive Dirichlet character mod 4, and χ_2 is the primitive Dirichlet character mod 3. Then the Eisenstein subspace of $M_6(\Gamma_0(12), \chi_3)$ is generated by*

$$E_6^{\chi_1, \chi_2} = \sum_{n=1}^{\infty} \left(\sum_{0 < d|n} \chi_1\left(\frac{n}{d}\right) \chi_2(d) d^5 \right) q^n =,$$

$$E_6^{\chi_2, \chi_1} = \sum_{n=1}^{\infty} \left(\sum_{0 < d|n} \chi_2\left(\frac{n}{d}\right) \chi_1(d) d^5 \right) q^n =,$$

$$E_6^{\chi_0, \chi_3} = -\frac{B_{6, \chi_3}}{12} + \sum_{n=1}^{\infty} \left(\sum_{0 < d|n} \chi_0\left(\frac{n}{d}\right) \chi_3(d) d^5 \right) q^n = -1631 + \sum_{n=1}^{\infty} \left(\sum_{0 < d|n} \chi_3(d) d^5 \right) q^n$$

$$E_6^{\chi_3, \chi_0} = \sum_{n=1}^{\infty} \left(\sum_{0 < d|n} \chi_3\left(\frac{n}{d}\right) d^5 \right) q^n =$$

and the cuspidal subspace $S_6(\Gamma_0(12), \chi_3)$ is generated by

$$g_1 := \sum_{n=0}^{\infty} g_1(n) q^n = \frac{\eta^{25}(2z) \eta^{13}(3z) \eta^7(12z)}{\eta^{11}(z) \eta^9(4z) \eta^{13}(6z)},$$

$$g_2 := \sum_{n=0}^{\infty} g_2(n) q^n = \frac{\eta^{29}(2z) \eta^5(3z) \eta^5(12z)}{\eta^{11}(z) \eta^{11}(4z) \eta^5(6z)},$$

$$g_3 := \sum_{n=0}^{\infty} g_3(n) q^n = \frac{\eta^{21}(2z) \eta^{10}(3z) \eta^2(12z)}{\eta^{10}(z) \eta^2(4z) \eta^9(6z)},$$

$$g_4 := \sum_{n=0}^{\infty} g_4(n) q^n = \frac{\eta^{29}(2z) \eta^5(3z) \eta^5(12z)}{\eta^{10}(z) \eta^4(4z) \eta(6z)}$$

$$g_5 := \sum_{n=0}^{\infty} g_1(n) q^n = \frac{\eta^{19}(2z) \eta^7(3z) \eta(4z) \eta(12z)}{\eta^9(z) \eta^7(6z)},$$

$$g_6 := \sum_{n=0}^{\infty} g_2(n) q^n = \frac{\eta^{18}(2z) \eta^{12}(3z) \eta^9(12z)}{\eta^8(z) \eta^7(4z) \eta^{12}(6z)},$$

$$g_7 := \sum_{n=0}^{\infty} g_3(n) q^n = \frac{\eta^8(2z) \eta^3(3z) \eta^{10}(4z)}{\eta^5(z) \eta^2(6z) \eta^2(12z)},$$

$$g_8 := \sum_{n=0}^{\infty} g_4(n) q^n = \frac{\eta^{11}(2z) \eta^{11}(3z) \eta^{11}(12z)}{\eta^5(z) \eta^5(4z) \eta^{11}(6z)}.$$

Proof: Since

$$\chi_3 = \chi_0 * \chi_3, \chi_3 = \chi_3 * \chi_0, \chi_3 = \chi_1 * \chi_2, \chi_3 = \chi_2 * \chi_1,$$

the Eisenstein subspace of $M_6(\Gamma_0(12), \chi_3)$ is generated by

$$E_6^{\chi_1, \chi_2}, E_6^{\chi_2, \chi_1}, E_6^{\chi_0, \chi_3} \text{ and } E_6^{\chi_3, \chi_0}. \text{ Since } g_1, g_2, g_3, g_4, g_5, g_6, g_7 \text{ and } g_8 \text{ are in } S_6(\Gamma_0(12), \chi_3),$$

linearly independent and $\dim(S_6(\Gamma_0(12), \chi_3)) = 8$, it follows. Let

$$\delta(b_1) = \begin{cases} 0 & \text{if } b_1 \neq 0 \\ 1 & \text{if } b_1 = 0 \end{cases}.$$

Now we can state our main Conclusion:

Theorem 2. *The coefficients of the Fourier series of three hundred and thirty-six eta quotients*

$$\eta^{a_1}(z) \eta^{a_2}(2z) \eta^{a_3}(3z) \eta^{a_4}(4z) \eta^{a_6}(6z) \eta^{a_{12}}(12z) = \delta(b_1) + \sum_{n=1}^{\infty} c(n) q^n$$

in $M_6(\Gamma_0(12), \chi_3)$ are given in the form

$$\begin{aligned} & c_1 \sigma_5(n) + c_2 \sigma_5\left(\frac{n}{2}\right) + c_3 \sigma_5\left(\frac{n}{3}\right) + c_4 \sigma_5\left(\frac{n}{4}\right) + c_6 \sigma_5\left(\frac{n}{6}\right) + c_{12} \sigma_5\left(\frac{n}{12}\right) \\ & + r_1 g_1(n) + r_2 g_2(n) + r_3 g_3(n) + r_4 g_4(n) + r_5 g_5(n) + r_6 g_6(n) + r_7 g_7(n) + r_8 g_8(n) \end{aligned}$$

as in the Table in Appendix.

exactly as in [16]. But our methods are obviously much simpler than it since we didn't need to use (p, k) parametrizations.

Remark 1: $S_6(\Gamma_0(12), \chi_3)$ is 8 dimensional, see [28] (Chapter 3, pg.87 and

Chapter 5, pg.197), and it is generated by Δ_t , and its seven conjugates, where

$$\begin{aligned} \Delta_t = & q + \frac{1}{21763831608962470559744} (-178320621t^7 + 23749714462t^6 - \\ & 13326972019060t^5 + 1989742799742648t^4 - 260950200807169008t^3 + \\ & 41552143584951829664t^2 - 1789675253997089971648t + \\ & 13628196603928260228352)q^2 + \frac{1}{4080718426680463229952} (-286568459t^7 - \\ & 17200361354t^6 - 23936045735436t^5 - 1173739269762120t^4 - \\ & 534780820206432720t^3 - 16788912751721707872t^2 - 3114916013691059660608t - \\ & 24433708593303854214016)q^3 + \frac{1}{5440957902240617639936} (-297306049t^7 - \\ & 45775743768t^6 - 27020826355324t^5 - 3226223558831120t^4 - \\ & 709426025508846320t^3 - 40337567016684992768t^2 - 4848229902566330960960t + \end{aligned}$$

$$\begin{aligned}
& 127263763629284448602880)q^4 + \frac{1}{3119815310917785344} (49255t^7 + \\
& 14150369816t^5 + 801124794965200t^3 + 11070796452547470208t)q^5 + \\
& \frac{1}{65291494826887411679232} (3931745657t^7 - 214850068270t^6 + \\
& 63113658481092t^5 - 16752659124098232t^4 - 11993557146246014160t^3 - \\
& 427163696119441205664t^2 - 233716408585029902403392t - \\
& 3274415553583130491421312)q^6 + \frac{1}{3119815310917785344} (49255t^7 + \\
& 14150369816t^5 + 801124794965200t^3 + 7950981141629684864t)q^7 + \\
& \frac{1}{5440957902240617639936} (6519181t^7 + 346454925050t^6 - 36029517899148t^5 + \\
& 24749056715421864t^4 - 2533373084031448592t^3 + 393279034782402814944t^2 - \\
& 36825262772488486113856t + 799785235610709474109312)q^8 + \\
& \frac{1}{6239630621835570688} (1734479t^7 + 419960952t^6 + 150566537972t^5 + \\
& 29598381273680t^4 + 3996288129445712t^3 + 370069422171421952t^2 + \\
& 38560631932591178688t - 1136359311379670298880)q^9 + \\
& \frac{1}{2720478951120308819968} (4882401393t^7 - 137327231304t^6 + \\
& 409997558122300t^5 - 9678670676493360t^4 + 9265919148811769840t^3 - \\
& 121012701050054978304t^2 + 54686886121623285530688t + \\
& 272972132843040993009920)q^{10} + \frac{1}{40985882715443968} (-3898987t^6 - \\
& 310547479164t^4 - 6019838491118800t^2 - 17897893254903522880)q^{11} + O(q^{12})
\end{aligned}$$

Here,

$$\begin{aligned}
\pm t, \pm t_1 \quad : \quad &= \pm \frac{1}{1559907655458892672} (-49255t^7 - 14150369816 \\
& t^5 - 801124794965200t^3 - 9510888797088577536t),
\end{aligned}$$

$$\begin{aligned}
\pm s, \pm s_1 \quad : \quad &= \pm \frac{1}{3119815310917785344} (-207t^6 - 14589130t^4 - 182408316832t^2 \\
& + 9193411862560)s^3 + \frac{1}{20525100729722272} (-27549t^6 \\
& - 1941622910t^4 - 24276167731424t^2 + 33349767825273824)s
\end{aligned}$$

are distinct eight conjugate roots of the irreducible polynomial

$$x^8 + 91184x^6 + 2443650912x^4 + 20288134953728x^2 + 8709491417518336,$$

where s is a root of the polynomial

$$\begin{aligned}
& x^4 + \frac{1}{8357425156} (-81t^6 - 5708790t^4 - 71377167456t^2 + 596596707145600)x^2 \\
& + \frac{1}{4178712578} (-838557t^6 - 59100565630t^4 - 738936091486432t^2 \\
& + 4816031253239273920).
\end{aligned}$$

By simple calculation, we see that

$$\begin{aligned}
 g_1 = & \frac{1}{6520\,269\,839\,392\,284\,479\,934\,824\,448} [18405805225517t^7 - 2171886499951670t^6 \\
 & + 1389223503053930484t^5 - 175344015780137515416t^4 \\
 & + 26878938878365019109360t^3 - 3414606212361857068032288t^2 \\
 & + 153511876683751258447427008t - 9348203634913081522618176640] \Delta_t \\
 & + [\frac{1}{6520\,269\,839\,392\,284\,479\,934\,824\,448} (-18405805225517t^7 - 2171886499951670t^6 \\
 & - 1389223503053930484t^5 - 175344015780137515416t^4 \\
 & - 26878938878365019109360t^3 - 3414606212361857068032288t^2 \\
 & - 153511876683751258447427008t - 9348203634913081522618176640] \Delta_{-t} \\
 & [\frac{1}{6520\,269\,839\,392\,284\,479\,934\,824\,448} (-8595468508333t^7 + 1629169281838262t^6 \\
 & - 529053319005554676t^5 + 137093909266635756696t^4 \\
 & - 5691936988369940525040t^3 + 2936364017812039793774880t^2 \\
 & - 16768815382194828971521472t + 10792534819612913182514840704)] \Delta_{t_1} \\
 & [\frac{1}{6520\,269\,839\,392\,284\,479\,934\,824\,448} (8595468508333t^7 + 1629169281838262t^6 \\
 & + 529053319005554676t^5 + 137093909266635756696t^4 \\
 & + 5691936988369940525040t^3 + 2936364017812039793774880t^2 \\
 & + 16768815382194828971521472t + 10792534819612913182514840704)] \Delta_{-t_1} \\
 & [\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (1783378683t^6 + 125690548045970t^4 \\
 & + 1571512578937675808t^2 + 8184219320187441631136)s^3 \\
 & + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (-1369287t^6 - 96505826330t^4 \\
 & - 1206615154250912t^2 + 565465805123206624)s^2 \\
 & + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (1492675443t^6 + 105202106694370t^4 \\
 & + 1315345000647777568t^2 + 3827468676893124584110240)s \\
 & + \frac{1}{544\,223\,493\,605\,996\,199\,936} (-191763063t^6 - 13515247610170t^4 \\
 & - 168981534069462688t^2 + 397333929509608072160)] \Delta_s \\
 & [\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (-1783378683t^6 - 125690548045970t^4 \\
 & - 1571512578937675808t^2 - 8184219320187441631136)s^3 \\
 & + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (-1369287t^6 - 96505826330t^4 \\
 & - 1206615154250912t^2 + 565465805123206624)s^2 \\
 & + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (-1492675443t^6 - 105202106694370t^4 \\
 & - 1315345000647777568t^2 - 3827468676893124584110240)s \\
 & + \frac{1}{544\,223\,493\,605\,996\,199\,936} (-191763063t^6 - 13515247610170t^4 \\
 & - 168981534069462688t^2 + 397333929509608072160)] \Delta_{-s} \\
 & + [\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (1487636613t^6 + 104846975554670t^4 \\
 & + 1310904785676267488t^2 - 7192253169096858050464)s^3 \\
 & + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (1369287t^6 + 96505826330t^4 \\
 & + 1206615154250912t^2 - 565465805123206624)s^2 \\
 & + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (631481820813t^6 + 44506137084432670t^4 \\
 & + 556461526785052926688t^2 - 3972885786895603606313120)s \\
 & + \frac{1}{544\,223\,493\,605\,996\,199\,936} (237061719t^6 + 16707846553210t^4 \\
 & + 208898691536669344t^2 - 517887063447802839008)] \Delta_{s_1}
 \end{aligned}$$

$$\begin{aligned}
& + \left[\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (-1487636613t^6 - 104846975554670t^4 \right. \\
& - 1310904785676267488t^2 + 7192253169096858050464)s^3 \\
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (1369287t^6 + 96505826330t^4 \\
& + 1206615154250912t^2 - 565465805123206624)s^2 \\
& + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (-631481820813t^6 - 44506137084432670t^4 \\
& - 556461526785052926688t^2 + 3972885786895603606313120)s \\
& + \frac{1}{544\,223\,493\,605\,996\,199\,936} (237061719t^6 + 16707846553210t^4 \\
& + 208898691536669344t^2 - 517887063447802839008)]\Delta_{-s_1} \\
g_2 = & \left[\frac{1}{6520\,269\,839\,392\,284\,479\,934\,824\,448} (-3906110899541t^7 - 792937760742226t^6 \right. \\
& - 368131830074954004t^5 - 54649420727137743624t^4 \\
& - 10293213416325939858288t^3 - 749156960089391542216800t^2 \\
& - 98070941567114792460028864t - 98113665883271703474084224)]\Delta_t \\
& + \left[\frac{1}{6520\,269\,839\,392\,284\,479\,934\,824\,448} (3906110899541t^7 - 792937760742226t^6 \right. \\
& + 368131830074954004t^5 - 54649420727137743624t^4 \\
& + 10293213416325939858288t^3 - 749156960089391542216800t^2 \\
& + 98070941567114792460028864t - 98113665883271703474084224)]\Delta_{-t} \\
& + \left[\frac{1}{6520\,269\,839\,392\,284\,479\,934\,824\,448} (-2749868196779t^7 + 291968020945234t^6 \right. \\
& - 123966564600038124t^5 + 19341630099289966344t^4 \\
& + 2384189540451134610288t^3 + 307702626658790981363808t^2 \\
& + 72901216647084139143515072t + 1431342451760039389532543360)]\Delta_{t_1} \\
& + \left[\frac{1}{6520\,269\,839\,392\,284\,479\,934\,824\,448} (2749868196779t^7 + 291968020945234t^6 \right. \\
& + 123966564600038124t^5 + 19341630099289966344t^4 \\
& - 2384189540451134610288t^3 + 307702626658790981363808t^2 \\
& - 72901216647084139143515072t + 1431342451760039389532543360)]\Delta_{-t_1} \\
& + \left[\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (-1799480403t^6 - 126825379380770t^4 \right. \\
& - 1585701408132362528t^2 - 448422554141672694944)s^3 \\
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (75987t^6 + 5355479330t^4 + 66959713870112t^2 \\
& - 879513916016687968)s^2 + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (-387450261675t^6 \\
& - 27307063942563250t^4 - 341421014919104864800t^2 \\
& - 312356672496353969967520)s + \frac{1}{544\,223\,493\,605\,996\,199\,936} (86885235t^6 \\
& + 6123574823650t^4 + 76563234173443360t^2 - 479351860860983684960)]\Delta_s \\
& + \left[\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (1799480403t^6 + 126825379380770t^4 \right. \\
& + 1585701408132362528t^2 + 448422554141672694944)s^3 \\
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (75987t^6 + 5355479330t^4 + 66959713870112t^2 \\
& - 879513916016687968)s^2 + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (387450261675t^6 \\
& + 27307063942563250t^4 + 341421014919104864800t^2 \\
& + 312356672496353969967520)s + \frac{1}{544\,223\,493\,605\,996\,199\,936} (86885235t^6 \\
& + 6123574823650t^4 + 76563234173443360t^2 - 479351860860983684960)]\Delta_{-s} \\
& + \left[\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (1353796947t^6 + 95414104605730t^4 \right. \\
& + 1192965325770871072t^2 - 356499872148588542816)s^3
\end{aligned}$$

$$\begin{aligned}
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (-75987t^6 - 5355479330t^4 - 66959713870112t^2 \\
& + 879513916016687968)s^2 + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (441187534251t^6 \\
& + 31094407205639090t^4 + 388774277922634105376t^2 \\
& - 584951403977814626733664)s + \frac{1}{544\,223\,493\,605\,996\,199\,936} (-45071091t^6 \\
& - 3176560414690t^4 - 39716627280637216t^2 + 368072044918034669408)]\Delta_{s_1} \\
& + [\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (-1353796947t^6 - 95414104605730t^4 \\
& - 1192965325770871072t^2 + 356499872148588542816)s^3 \\
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (-75987t^6 - 5355479330t^4 - 66959713870112t^2 \\
& + 879513916016687968)s^2 + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (-441187534251t^6 \\
& - 31094407205639090t^4 - 388774277922634105376t^2 \\
& + 584951403977814626733664)s + \frac{1}{544\,223\,493\,605\,996\,199\,936} (-45071091t^6 \\
& - 3176560414690t^4 - 39716627280637216t^2 + 368072044918034669408)]\Delta_{-s_1}, \\
g_3 = & [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (3145098595131t^7 - 313205339721206t^6 \\
& + 242338944003937692t^5 - 23203160126960998872t^4 \\
& + 4741636703282311725072t^3 - 377429294196105967803168t^2 \\
& + 22572643613558247953221440t - 375734839679194317028972672)]\Delta_t \\
& + [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (-3145098595131t^7 - 313205339721206t^6 \\
& - 242338944003937692t^5 - 23203160126960998872t^4 \\
& - 4741636703282311725072t^3 - 377429294196105967803168t^2 \\
& - 22572643613558247953221440t - 375734839679194317028972672)]\Delta_{-t} \\
& + [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (442266539673t^7 + 125341687297334t^6 \\
& + 71452314493710228t^5 + 9962738641518082392t^4 + 2952937833467867510448t^3 \\
& + 211883919159630757483296t^2 + 26877139603758455211079104t + \\
& 1147373544357660719298179200)]\Delta_{t_1} \\
& + [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (-442266539673t^7 + 125341687297334t^6 \\
& - 71452314493710228t^5 + 9962738641518082392t^4 - 2952937833467867510448t^3 \\
& + 211883919159630757483296t^2 - 26877139603758455211079104t \\
& + 1147373544357660719298179200)]\Delta_{-t_1} \\
& + [\frac{1}{724\,474\,426\,599\,142\,719\,992\,758\,272} (133593543t^6 + 9415524473370t^4 \\
& + 117722576416683168t^2 + 329482651037039795744)s^3 \\
& + \frac{1}{6893\,497\,585\,675\,951\,865\,856} (-69399t^6 - 4891164410t^4 - 61154370917024t^2 \\
& - 132283253643927584)s^2 + \frac{1}{9532\,558\,244\,725\,562\,105\,167\,872} (8807062563t^6 \\
& + 620711983815170t^4 + 7760779992033574688t^2 + 135819615084603203577504)s \\
& + \frac{1}{90\,703\,915\,600\,999\,366\,656} (7235361t^6 + 509940203990t^4 \\
& + 6375797206192736t^2 - 61919085845892003616)]\Delta_s \\
& + [\frac{1}{724\,474\,426\,599\,142\,719\,992\,758\,272} (-133593543t^6 - 9415524473370t^4 \\
& - 117722576416683168t^2 - 329482651037039795744)s^3 \\
& + \frac{1}{6893\,497\,585\,675\,951\,865\,856} (-69399t^6 - 4891164410t^4 - 61154370917024t^2 \\
& - 132283253643927584)s^2 + \frac{1}{9532\,558\,244\,725\,562\,105\,167\,872} (-8807062563t^6 \\
& - 620711983815170t^4 - 7760779992033574688t^2 - 135819615084603203577504)s
\end{aligned}$$

$$\begin{aligned}
& + \frac{1}{90\,703\,915\,600\,999\,366\,656} (7235361t^6 + 509940203990t^4 \\
& + 6375797206192736t^2 - 61919085845892003616)]\Delta_{-s} \\
& + [\frac{1}{724\,474\,426\,599\,142\,719\,992\,758\,272} (260273997t^6 + 18343822115230t^4 \\
& + 229353341584091872t^2 - 208211380249084605600)s^3 \\
& + \frac{1}{6893\,497\,585\,675\,951\,865\,856} (69399t^6 + 4891164410t^4 + 61154370917024t^2 \\
& + 132283253643927584)s^2 + \frac{1}{501\,713\,591\,827\,661\,163\,429\,888} (3527810019t^6 \\
& + 248636130350210t^4 + 3108704771347130144t^2 - 7938285563140978866528)s \\
& + \frac{1}{90\,703\,915\,600\,999\,366\,656} (8444943t^6 + 595190199370t^4 \\
& + 7441680378609568t^2 + 42865133767535964448)]\Delta_{s_1} \\
& + [\frac{1}{724\,474\,426\,599\,142\,719\,992\,758\,272} (-260273997t^6 - 18343822115230t^4 \\
& - 229353341584091872t^2 + 208211380249084605600)s^3 \\
& + \frac{1}{6893\,497\,585\,675\,951\,865\,856} (69399t^6 + 4891164410t^4 + 61154370917024t^2 \\
& + 132283253643927584)s^2 + \frac{1}{501\,713\,591\,827\,661\,163\,429\,888} (-3527810019t^6 \\
& - 248636130350210t^4 - 3108704771347130144t^2 + 7938285563140978866528)s \\
& + \frac{1}{90\,703\,915\,600\,999\,366\,656} (8444943t^6 + 595190199370t^4 \\
& + 7441680378609568t^2 + 42865133767535964448)]\Delta_{-s_1} \\
g_4 = & [\frac{1}{543\,355\,819\,949\,357\,039\,994\,568\,704} (940442781209t^7 - 61975998863494t^6 \\
& + 75424227077074188t^5 - 3995442763734508920t^4 + 1568815572206726906352t^3 \\
& - 41320803633760552805664t^2 + 7695861787559231818643776t \\
& + 216661492569248979803708800)]\Delta_t \\
& + [\frac{1}{543\,355\,819\,949\,357\,039\,994\,568\,704} (-940442781209t^7 - 61975998863494t^6 \\
& - 75424227077074188t^5 - 3995442763734508920t^4 - 1568815572206726906352t^3 \\
& - 41320803633760552805664t^2 - 7695861787559231818643776t \\
& + 216661492569248979803708800)]\Delta_{-t} \\
& + [\frac{1}{543\,355\,819\,949\,357\,039\,994\,568\,704} (656910706781t^7 - 11082088190234t^6 \\
& + 61738359785186652t^5 - 1153610036159958600t^4 + 1676470048197844636848t^3 \\
& - 23057953324868695652064t^2 + 12431292197855220834908224t \\
& + 113606660358452234411792000)]\Delta_{t_1} \\
& + [\frac{1}{543\,355\,819\,949\,357\,039\,994\,568\,704} (-656910706781t^7 - 11082088190234t^6 \\
& - 61738359785186652t^5 - 1153610036159958600t^4 - 1676470048197844636848t^3 \\
& - 23057953324868695652064t^2 - 12431292197855220834908224t \\
& + 113606660358452234411792000)]\Delta_{-t_1} \\
& + [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (177224931t^6 + 12490616220290t^4 \\
& + 156170537992161056t^2 + 174864551660509451936)s^3 \\
& + \frac{1}{3446\,748\,792\,837\,975\,932\,928} (22905t^6 + 1614318950t^4 + 20183876797280t^2 \\
& - 84384520048145440)s^2 + \frac{1}{14\,298\,837\,367\,088\,343\,157\,751\,808} (23533899021t^6 \\
& + 1658643054223390t^4 + 20738062361907548896t^2 + 56951610078639765340000)s \\
& + \frac{1}{45\,351\,957\,800\,499\,683\,328} (11413053t^6 + 804379294270t^4 \\
& + 10057177718088928t^2 - 45287949601123744928)]\Delta_s \\
& + [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (-177224931t^6 - 12490616220290t^4
\end{aligned}$$

$$\begin{aligned}
& -156170537992161056t^2 - 174864551660509451936)s^3 \\
& + \frac{1}{3446748792837975932928} (22905t^6 + 1614318950t^4 + 20183876797280t^2 \\
& - 84384520048145440)s^2 + \frac{1}{14298837367088343157751808} (-23533899021t^6 \\
& - 1658643054223390t^4 - 20738062361907548896t^2 - 56951610078639765340000)s \\
& + \frac{1}{45351957800499683328} (11413053t^6 + 804379294270t^4 \\
& + 10057177718088928t^2 - 45287949601123744928)]\Delta_{-s} \\
& + [\frac{1}{1086711639898714079989137408} (299288799t^6 + 21093542010410t^4 \\
& + 263733169431211424t^2 - 9177965481531042016)s^3 \\
& + \frac{1}{3446748792837975932928} (-22905t^6 - 1614318950t^4 - 20183876797280t^2 \\
& + 84384520048145440)s^2 + \frac{1}{14298837367088343157751808} (64249821369t^6 \\
& + 4528256021396710t^4 + 56616916776212347744t^2 - 49134391068460337407520)s \\
& + \frac{1}{45351957800499683328} (-5315157t^6 - 374606359630t^4 \\
& - 4683714212888032t^2 + 40397632559568600992)]\Delta_{s_1} \\
& + [\frac{1}{1086711639898714079989137408} (-299288799t^6 - 21093542010410t^4 \\
& - 263733169431211424t^2 + 9177965481531042016)s^3 \\
& + \frac{1}{3446748792837975932928} (-22905t^6 - 1614318950t^4 - 20183876797280t^2 \\
& + 84384520048145440)s^2 + \frac{1}{14298837367088343157751808} (-64249821369t^6 \\
& - 4528256021396710t^4 - 56616916776212347744t^2 + 49134391068460337407520)s \\
& + \frac{1}{45351957800499683328} (-5315157t^6 - 374606359630t^4 \\
& - 4683714212888032t^2 + 40397632559568600992)]\Delta_{-s_1}
\end{aligned}$$

$$\begin{aligned}
g_5 = & [\frac{1}{4346846559594856319956549632} (8854664201939t^7 - 750786285665134t^6 \\
& + 690884113438611468t^5 - 54026398019308150200t^4 \\
& + 13819810610080691128848t^3 - 818018371539847205656992t^2 \\
& + 67650006454862154070835776t - 71853607073830214643884672)]\Delta_t \\
& + [\frac{1}{4346846559594856319956549632} (-8854664201939t^7 - 750786285665134t^6 \\
& - 690884113438611468t^5 - 54026398019308150200t^4 \\
& - 13819810610080691128848t^3 - 818018371539847205656992t^2 \\
& - 67650006454862154070835776t - 71853607073830214643884672)]\Delta_{-t} \\
& + [\frac{1}{4346846559594856319956549632} (2466531730877t^7 + 228942806709934t^6 \\
& + 292227168725774004t^5 + 17247449448633382200t^4 \\
& + 9956631424484269550832t^3 + 358170107549638288101792t^2 \\
& + 83110156300993837581865408t + 2547345232260843967610583680)]\Delta_{t_1} \\
& + [\frac{1}{4346846559594856319956549632} (-2466531730877t^7 + 228942806709934t^6 \\
& - 292227168725774004t^5 + 17247449448633382200t^4 \\
& - 9956631424484269550832t^3 + 358170107549638288101792t^2 \\
& - 83110156300993837581865408t + 2547345232260843967610583680)]\Delta_{-t_1} \\
& + [\frac{1}{8693693119189712639913099264} (1295182341t^6 + 91283012302190t^4 \\
& + 1141314158513717216t^2 + 2494643210153643471968)s^3 \\
& + \frac{1}{27573990342703807463424} (-68355t^6 - 4817584450t^4 - 60234398536480t^2
\end{aligned}$$

$$\begin{aligned}
& -488817413091396256)s^2 + \frac{1}{114390698936706745262014464} (119836393101t^6 \\
& + 8445935834210590t^4 + 105599781453001482976t^2 \\
& + 993997044542827664644960)s + \frac{1}{362815662403997466624} (44043093t^6 \\
& + 3104108257870t^4 + 38810755856063968t^2 - 232587395234845879712)]\Delta_s \\
& + [\frac{1}{8693693119189712639913099264} (-1295182341t^6 - 91283012302190t^4 \\
& - 1141314158513717216t^2 - 2494643210153643471968)s^3 \\
& + \frac{1}{27573990342703807463424} (-68355t^6 - 4817584450t^4 - 60234398536480t^2 \\
& - 488817413091396256)s^2 + \frac{1}{114390698936706745262014464} (-119836393101t^6 \\
& - 8445935834210590t^4 - 105599781453001482976t^2 \\
& - 993997044542827664644960)s + \frac{1}{362815662403997466624} (44043093t^6 \\
& + 3104108257870t^4 + 38810755856063968t^2 - 232587395234845879712)]\Delta_{-s} \\
& + [\frac{1}{8693693119189712639913099264} (2294842923t^6 + 161737979387570t^4 \\
& + 2022214661730710048t^2 - 1336167127066942380640)s^3 \\
& + \frac{1}{27573990342703807463424} (68355t^6 + 4817584450t^4 + 60234398536480t^2 \\
& + 488817413091396256)s^2 + \frac{1}{114390698936706745262014464} (560288345283t^6 \\
& + 39488500032939970t^4 + 493725864751973317408t^2 \\
& - 1058062655746120709875040)s + \frac{1}{362815662403997466624} (-486693t^6 \\
& - 34301581870t^4 - 428873676057568t^2 + 207374835895273355168)]\Delta_{s_1} \\
& + [\frac{1}{8693693119189712639913099264} (-2294842923t^6 - 161737979387570t^4 \\
& - 2022214661730710048t^2 + 1336167127066942380640)s^3 \\
& + \frac{1}{27573990342703807463424} (68355t^6 + 4817584450t^4 + 60234398536480t^2 \\
& + 488817413091396256)s^2 + \frac{1}{114390698936706745262014464} (-560288345283t^6 \\
& - 39488500032939970t^4 - 493725864751973317408t^2 \\
& + 1058062655746120709875040)s + \frac{1}{362815662403997466624} (-486693t^6 \\
& - 34301581870t^4 - 428873676057568t^2 + 207374835895273355168)]\Delta_{-s_1} \\
\\
g_6 = & [\frac{1}{6520269839392284479934824448} (-3906110899541t^7 - 792937760742226t^6 \\
& - 368131830074954004t^5 - 54649420727137743624t^4 \\
& - 10293213416325939858288t^3 - 749156960089391542216800t^2 \\
& - 98070941567114792460028864t - 98113665883271703474084224)]\Delta_t \\
& + [\frac{1}{6520269839392284479934824448} (3906110899541t^7 - 792937760742226t^6 \\
& + 368131830074954004t^5 - 54649420727137743624t^4 \\
& + 10293213416325939858288t^3 - 749156960089391542216800t^2 \\
& + 98070941567114792460028864t - 98113665883271703474084224)]\Delta_{-t} \\
& + [\frac{1}{6520269839392284479934824448} (-2749868196779t^7 + 291968020945234t^6 \\
& - 123966564600038124t^5 + 19341630099289966344t^4 \\
& + 2384189540451134610288t^3 + 307702626658790981363808t^2 \\
& + 72901216647084139143515072t + 1431342451760039389532543360)]\Delta_{t_1} \\
& + [\frac{1}{6520269839392284479934824448} (2749868196779t^7 + 291968020945234t^6 \\
& + 123966564600038124t^5 + 19341630099289966344t^4
\end{aligned}$$

$$\begin{aligned}
& -2384189540451134610288t^3 + 307702626658790981363808t^2 \\
& -72901216647084139143515072t + 1431342451760039389532543360)]\Delta_{-t_1} \\
& + [\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (-1799480403t^6 - 126825379380770t^4 \\
& -1585701408132362528t^2 - 448422554141672694944)s^3 \\
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (75987t^6 + 5355479330t^4 + 66959713870112t^2 \\
& -879513916016687968)s^2 + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (-387450261675t^6 \\
& -27307063942563250t^4 - 341421014919104864800t^2 \\
& -312356672496353969967520)s + \frac{1}{544\,223\,493\,605\,996\,199\,936} (86885235t^6 \\
& +6123574823650t^4 + 76563234173443360t^2 - 479351860860983684960)]\Delta_s \\
& + [\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (1799480403t^6 + 126825379380770t^4 \\
& +1585701408132362528t^2 + 448422554141672694944)s^3 \\
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (75987t^6 + 5355479330t^4 + 66959713870112t^2 \\
& -879513916016687968)s^2 + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (387450261675t^6 \\
& +27307063942563250t^4 + 341421014919104864800t^2 \\
& +312356672496353969967520)s + \frac{1}{544\,223\,493\,605\,996\,199\,936} (86885235t^6 \\
& +6123574823650t^4 + 76563234173443360t^2 - 479351860860983684960)]\Delta_{-s} \\
& + [\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (1353796947t^6 + 95414104605730t^4 \\
& +1192965325770871072t^2 - 356499872148588542816)s^3 \\
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (-75987t^6 - 5355479330t^4 - 66959713870112t^2 \\
& +879513916016687968)s^2 + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (441187534251t^6 \\
& +31094407205639090t^4 + 388774277922634105376t^2 \\
& -584951403977814626733664)s + \frac{1}{544\,223\,493\,605\,996\,199\,936} (-45071091t^6 \\
& -3176560414690t^4 - 39716627280637216t^2 + 368072044918034669408)]\Delta_{s_1} \\
& + [\frac{1}{13\,040\,539\,678\,784\,568\,959\,869\,648\,896} (-1353796947t^6 - 95414104605730t^4 \\
& -1192965325770871072t^2 + 356499872148588542816)s^3 \\
& + \frac{1}{41\,360\,985\,514\,055\,711\,195\,136} (-75987t^6 - 5355479330t^4 - 66959713870112t^2 \\
& +879513916016687968)s^2 + \frac{1}{171\,586\,048\,405\,060\,117\,893\,021\,696} (-441187534251t^6 \\
& -31094407205639090t^4 - 388774277922634105376t^2 \\
& +584951403977814626733664)s + \frac{1}{544\,223\,493\,605\,996\,199\,936} (-45071091t^6 \\
& -3176560414690t^4 - 39716627280637216t^2 + 368072044918034669408)]\Delta_{-s_1},
\end{aligned}$$

$$\begin{aligned}
g_7 = & [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (3145098595131t^7 - 313205339721206t^6 \\
& +242338944003937692t^5 - 23203160126960998872t^4 \\
& +4741636703282311725072t^3 - 377429294196105967803168t^2 \\
& +22572643613558247953221440t - 375734839679194317028972672)]\Delta_t \\
& + [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (-3145098595131t^7 - 313205339721206t^6 \\
& -242338944003937692t^5 - 23203160126960998872t^4 \\
& -4741636703282311725072t^3 - 377429294196105967803168t^2 \\
& -22572643613558247953221440t - 375734839679194317028972672)]\Delta_{-t} \\
& + [\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (442266539673t^7 + 125341687297334t^6
\end{aligned}$$

$$\begin{aligned}
& +71452314493710228t^5 + 9962738641518082392t^4 + 2952937833467867510448t^3 \\
& +211883919159630757483296t^2 + 26877139603758455211079104t \\
& +1147373544357660719298179200)]\Delta_{t_1} \\
& +[\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408}(-442266539673t^7 + 125341687297334t^6 \\
& -71452314493710228t^5 + 9962738641518082392t^4 - 2952937833467867510448t^3 \\
& +211883919159630757483296t^2 - 26877139603758455211079104t \\
& +1147373544357660719298179200)]\Delta_{-t_1} \\
& +[\frac{1}{724\,474\,426\,599\,142\,719\,992\,758\,272}(133593543t^6 + 9415524473370t^4 \\
& +117722576416683168t^2 + 329482651037039795744)s^3 \\
& +\frac{1}{6893\,497\,585\,675\,951\,865\,856}(-69399t^6 - 4891164410t^4 - 61154370917024t^2 \\
& -132283253643927584)s^2 + \frac{1}{9532\,558\,244\,725\,562\,105\,167\,872}(8807062563t^6 \\
& +620711983815170t^4 + 7760779992033574688t^2 + 135819615084603203577504)s \\
& +\frac{1}{90\,703\,915\,600\,999\,366\,656}(7235361t^6 + 509940203990t^4 \\
& +6375797206192736t^2 - 61919085845892003616)]\Delta_s \\
& +[\frac{1}{724\,474\,426\,599\,142\,719\,992\,758\,272}(-133593543t^6 - 9415524473370t^4 \\
& -117722576416683168t^2 - 329482651037039795744)s^3 \\
& +\frac{1}{6893\,497\,585\,675\,951\,865\,856}(-69399t^6 - 4891164410t^4 - 61154370917024t^2 \\
& -132283253643927584)s^2 + \frac{1}{9532\,558\,244\,725\,562\,105\,167\,872}(-8807062563t^6 \\
& -620711983815170t^4 - 7760779992033574688t^2 - 135819615084603203577504)s \\
& +\frac{1}{90\,703\,915\,600\,999\,366\,656}(7235361t^6 + 509940203990t^4 \\
& +6375797206192736t^2 - 61919085845892003616)]\Delta_{-s} \\
& +[\frac{1}{724\,474\,426\,599\,142\,719\,992\,758\,272}(260273997t^6 + 18343822115230t^4 \\
& +229353341584091872t^2 - 208211380249084605600)s^3 \\
& +\frac{1}{6893\,497\,585\,675\,951\,865\,856}(69399t^6 + 4891164410t^4 + 61154370917024t^2 \\
& +132283253643927584)s^2 + \frac{1}{501\,713\,591\,827\,661\,163\,429\,888}(3527810019t^6 \\
& +248636130350210t^4 + 3108704771347130144t^2 - 7938285563140978866528)s \\
& +\frac{938\,327}{10\,078\,212\,844\,555\,485\,184}t^6 + 595190199370t^4 \\
& +7441680378609568t^2 + 42865133767535964448)]\Delta_{s_1} \\
& +[\frac{1}{724\,474\,426\,599\,142\,719\,992\,758\,272}(-260273997t^6 - 18343822115230t^4 \\
& -229353341584091872t^2 + 208211380249084605600)s^3 \\
& +\frac{1}{6893\,497\,585\,675\,951\,865\,856}(69399t^6 + 4891164410t^4 + 61154370917024t^2 \\
& +132283253643927584)s^2 + \frac{1}{501\,713\,591\,827\,661\,163\,429\,888}(-3527810019t^6 \\
& -248636130350210t^4 - 3108704771347130144t^2 + 7938285563140978866528)s \\
& +\frac{1}{90\,703\,915\,600\,999\,366\,656}(8444943t^6 + 595190199370t^4 \\
& +7441680378609568t^2 + 42865133767535964448)]\Delta_{-s_1}, \\
\\
g_8 = & [\frac{1}{543\,355\,819\,949\,357\,039\,994\,568\,704}(940442781209t^7 - 61975998863494t^6 \\
& +75424227077074188t^5 - 3995442763734508920t^4 + 1568815572206726906352t^3 \\
& -41320803633760552805664t^2 + 7695861787559231818643776t \\
& +216661492569248979803708800)]\Delta_t
\end{aligned}$$

$$\begin{aligned}
& + \left[\frac{1}{543\,355\,819\,949\,357\,039\,994\,568\,704} (-940442781209t^7 - 61975998863494t^6 \right. \\
& - 75424227077074188t^5 - 3995442763734508920t^4 - 1568815572206726906352t^3 \\
& - 41320803633760552805664t^2 - 7695861787559231818643776t \\
& \left. + 216661492569248979803708800) \right] \Delta_{-t} \\
& + \left[\frac{1}{543\,355\,819\,949\,357\,039\,994\,568\,704} (656910706781t^7 - 11082088190234t^6 \right. \\
& + 61738359785186652t^5 - 1153610036159958600t^4 + 1676470048197844636848t^3 \\
& - 23057953324868695652064t^2 + 12431292197855220834908224t \\
& \left. + 113606660358452234411792000) \right] \Delta_{t_1} \\
& + \left[\frac{1}{543\,355\,819\,949\,357\,039\,994\,568\,704} (-656910706781t^7 - 11082088190234t^6 \right. \\
& - 61738359785186652t^5 - 1153610036159958600t^4 - 1676470048197844636848t^3 \\
& - 23057953324868695652064t^2 - 12431292197855220834908224t \\
& \left. + 113606660358452234411792000) \right] \Delta_{-t_1} \\
& + \left[\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (177224931t^6 + 12490616220290t^4 \right. \\
& + 156170537992161056t^2 + 174864551660509451936)s^3 \\
& + \frac{1}{3446\,748\,792\,837\,975\,932\,928} (22905t^6 + 1614318950t^4 + 20183876797280t^2 \\
& - 84384520048145440)s^2 + \frac{1}{14\,298\,837\,367\,088\,343\,157\,751\,808} (23533899021t^6 \\
& + 1658643054223390t^4 + 20738062361907548896t^2 + 56951610078639765340000)s \\
& + \frac{1}{45\,351\,957\,800\,499\,683\,328} (11413053t^6 + 804379294270t^4 \\
& + 10057177718088928t^2 - 45287949601123744928) \left. \right] \Delta_s \\
& + \left[\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (-177224931t^6 - 12490616220290t^4 \right. \\
& - 156170537992161056t^2 - 174864551660509451936)s^3 \\
& + \frac{1}{3446\,748\,792\,837\,975\,932\,928} (22905t^6 + 1614318950t^4 + 20183876797280t^2 \\
& - 84384520048145440)s^2 + \frac{1}{14\,298\,837\,367\,088\,343\,157\,751\,808} (-23533899021t^6 \\
& - 1658643054223390t^4 - 20738062361907548896t^2 - 56951610078639765340000)s \\
& + \frac{1}{45\,351\,957\,800\,499\,683\,328} (11413053t^6 + 804379294270t^4 \\
& + 10057177718088928t^2 - 45287949601123744928) \left. \right] \Delta_{-s} \\
& + \left[\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (299288799t^6 + 21093542010410t^4 \right. \\
& + 263733169431211424t^2 - 9177965481531042016)s^3 \\
& + \frac{1}{3446\,748\,792\,837\,975\,932\,928} (-22905t^6 - 1614318950t^4 - 20183876797280t^2 \\
& + 84384520048145440)s^2 + \frac{1}{14\,298\,837\,367\,088\,343\,157\,751\,808} (64249821369t^6 \\
& + 4528256021396710t^4 + 56616916776212347744t^2 - 49134391068460337407520)s \\
& + \frac{1}{45\,351\,957\,800\,499\,683\,328} (-5315157t^6 - 374606359630t^4 \\
& - 4683714212888032t^2 + 40397632559568600992) \left. \right] \Delta_{s_1} \\
& + \left[\frac{1}{1086\,711\,639\,898\,714\,079\,989\,137\,408} (-299288799t^6 - 21093542010410t^4 \right. \\
& - 263733169431211424t^2 + 9177965481531042016)s^3 \\
& + \frac{1}{3446\,748\,792\,837\,975\,932\,928} (-22905t^6 - 1614318950t^4 - 20183876797280t^2 \\
& + 84384520048145440)s^2 + \frac{1}{14\,298\,837\,367\,088\,343\,157\,751\,808} (-64249821369t^6 \\
& - 4528256021396710t^4 - 56616916776212347744t^2 + 49134391068460337407520)s \\
& + \frac{1}{45\,351\,957\,800\,499\,683\,328} (-5315157t^6 - 374606359630t^4 \\
& - 4683714212888032t^2 + 40397632559568600992) \left. \right] \Delta_{-s_1}.
\end{aligned}$$

Remark 2: The coefficients of the Fourier series of the 60 eta quotients in $M_6(\Gamma_0(12))$ are given in the form

$$\begin{aligned} c(2n) = & -c_1\sigma_5(2n) - c_2\sigma_5(n) - c_4\sigma_5\left(\frac{n}{2}\right) - (33c_3 + c_6)\sigma_5\left(\frac{n}{3}\right) \\ & - (c_{12} - 32c_3)\sigma_5\left(\frac{n}{6}\right) + r_1f_1(2n) + r_2f_2(2n) + r_3f_3(2n), \end{aligned}$$

$$\begin{aligned} c(2n-1) = & -c_1\sigma_5(2n-1) - c_3\sigma_5\left(\frac{2n-1}{3}\right) \\ & + r_4f_4(2n-1) + r_5f_5(2n-1) + r_6f_6(2n-1) + r_7f_7(2n-1), n \in \mathbb{N} \end{aligned}$$

and, the coefficients of the Fourier series of the 74 eta quotients in $M_6(\Gamma_0(12))$ are given in the form

$$\begin{aligned} c(2n) = & -c_1\sigma_5(2n) - c_2\sigma_5(n) - c_4\sigma_5\left(\frac{n}{2}\right) - (33c_3 + c_6)\sigma_5\left(\frac{n}{3}\right) \\ & - (c_{12} - 32c_3)\sigma_5\left(\frac{n}{6}\right) + r_1f_1(2n) + r_2f_2(2n) + r_3f_3(2n), \end{aligned}$$

$$c(2n-1) = -c_1\sigma_5(2n-1) - c_3\sigma_5\left(\frac{2n-1}{3}\right) = 0,$$

exactly as in [?]. But, in this method we didn't need to use (p, k) parametrizations. Here,

$$f_1 := \sum_{n=0}^{\infty} f_1(n) q^n = \eta(2z) \eta(4z) \eta^5(6z) \eta^5(12z),$$

$$f_2 := \sum_{n=0}^{\infty} f_2(n) q^n = \eta^5(2z) \eta^5(4z) \eta(6z) \eta(12z),$$

$$f_3 := \sum_{n=0}^{\infty} f_3(n) q^n = \frac{\eta^9(2z) \eta^9(12z)}{\eta^3(4z) \eta^3(6z)},$$

$$f_4 := \sum_{n=0}^{\infty} f_4(n) q^n = \frac{\eta^8(4z) \eta^{16}(6z)}{\eta^4(2z) \eta^8(12z)},$$

$$f_5 := \sum_{n=0}^{\infty} f_5(n) q^n = \eta^{12}(2z),$$

$$f_6 := \sum_{n=0}^{\infty} f_6(n) q^n = \frac{\eta^5(2z) \eta^{13}(6z)}{\eta(4z) \eta^5(12z)},$$

$$f_7 := \sum_{n=0}^{\infty} f_7(n) q^n = \frac{\eta^{12}(4z) \eta^{24}(6z)}{\eta^{12}(2z) \eta^{12}(12z)}.$$

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APPENDIX

Table 1

No	a_1	a_2	a_3	a_4	a_6	a_{12}	C_1	C_2	C_3	C_4	r_1	r_2
1	-14	15	30	-4	-15	0	$\frac{98\,401}{45\,387}$	$-\frac{1}{1681}$	$\frac{97}{1681}$	$-\frac{6211}{45\,387}$	$-\frac{138\,086\,557}{605\,160}$	$-\frac{15\,366\,583}{605\,160}$
2	-13	13	27	-1	-13	-1	$\frac{295\,385}{181\,548}$	$-\frac{1}{1681}$	$\frac{473}{6724}$	$-\frac{7568}{45\,387}$	$-\frac{591\,595\,973}{2420\,640}$	$-\frac{78\,251\,567}{2420\,640}$
3	-12	12	24	-3	-6	-3	$\frac{32\,861}{30\,258}$	$-\frac{1}{1681}$	$\frac{279}{3362}$	$-\frac{2975}{15\,129}$	$-\frac{105\,140\,953}{403\,440}$	$-\frac{15\,839\,467}{403\,440}$
4	-12	13	24	-2	-13	2	$\frac{18\,416}{45\,387}$	0	$\frac{16}{12}$	$\frac{1024}{45\,387}$	$\frac{7154\,671}{605\,160}$	$\frac{3157\,549}{605\,160}$
5	-11	11	21	1	-11	1	$\frac{4604}{15\,129}$	0	$\frac{12}{1215}$	$\frac{256}{360}$	$\frac{1656\,289}{201\,720}$	$\frac{795\,691}{201\,720}$
6	-11	12	13	8	-6	-4	$\frac{10\,413}{13\,448}$	$-\frac{1}{1681}$	$\frac{1681}{13\,448}$	$-\frac{360}{691}$	$-\frac{29\,166\,363}{107\,584}$	$-\frac{4656\,177}{8475\,157}$
7	-11	12	21	-4	-6	0	$\frac{49\,109}{181\,548}$	0	$-\frac{43}{6724}$	$\frac{1681}{45\,387}$	$\frac{17\,987\,623}{2420\,640}$	$\frac{8475\,157}{2420\,640}$
8	-10	10	10	11	-4	-5	$\frac{31\,293}{53\,792}$	$-\frac{1}{1681}$	$\frac{5103}{53\,792}$	$-\frac{378}{1681}$	$-\frac{592\,483\,707}{2151\,680}$	$-\frac{98\,626\,833}{2151\,680}$
9	-10	10	18	-1	-4	-1	$\frac{9208}{45\,387}$	0	$-\frac{1}{1681}$	$\frac{512}{45\,387}$	$-\frac{2151\,680}{605\,160}$	$-\frac{1215\,680}{605\,160}$
10	-10	11	10	6	1	-6	$\frac{870}{1681}$	$-\frac{1}{1681}$	$\frac{162}{1681}$	$\frac{384}{1681}$	$-\frac{4674\,687}{16\,810}$	$-\frac{783\,803}{16\,810}$
11	-10	11	18	0	-11	4	$\frac{1151}{15\,129}$	0	$\frac{64}{1681}$	$\frac{596\,881}{201\,720}$	$-\frac{596\,881}{201\,720}$	$-\frac{192\,619}{201\,720}$
12	-9	9	7	9	3	-7	$\frac{10\,467}{26\,896}$	$-\frac{1}{1681}$	$\frac{2673}{26\,896}$	$-\frac{396}{1681}$	$-\frac{300\,820\,077}{1075\,840}$	$-\frac{52\,065\,063}{1075\,840}$
13	-9	9	15	-3	3	-3	$\frac{8185}{60\,516}$	0	$-\frac{21}{6724}$	$\frac{37}{5043}$	$\frac{475\,209}{268\,960}$	$\frac{495\,291}{268\,960}$
14	-9	9	15	3	-9	3	$\frac{20\,172}{2329}$	0	$-\frac{9}{6724}$	$\frac{5043}{5043}$	$\frac{268\,960}{664\,121}$	$\frac{268\,960}{192\,619}$
15	-9	10	7	4	8	-8	$\frac{6724}{31\,077}$	$-\frac{1}{1681}$	$\frac{6724}{729}$	$-\frac{400}{1681}$	$-\frac{15\,162\,475}{53\,792}$	$-\frac{2630\,465}{53\,792}$
16	-9	10	7	10	-4	-2	$\frac{215\,168}{2302}$	0	$-\frac{2}{215\,168}$	$\frac{3362}{128}$	$\frac{8606\,720}{697\,741}$	$\frac{8606\,720}{192\,619}$
17	-9	10	15	-2	-4	2	$\frac{45\,387}{3507}$	0	$-\frac{1}{1681}$	$\frac{45\,387}{408}$	$\frac{302\,580}{151\,230\,093}$	$\frac{302\,580}{26\,983\,367}$
18	-8	8	4	7	10	-9	$\frac{13\,448}{93\,231}$	$-\frac{1}{1681}$	$\frac{13\,448}{2187}$	$-\frac{1681}{81}$	$-\frac{537\,920}{31\,967\,217}$	$-\frac{537\,920}{54\,976\,077}$
19	-8	8	4	13	-2	-3	$\frac{860\,672}{1151}$	0	$-\frac{860\,672}{1151}$	$\frac{13\,448}{793\,601}$	$\frac{34\,426\,880}{793\,601}$	$\frac{34\,426\,880}{793\,601}$
20	-8	8	12	1	-2	1	$\frac{30\,258}{7999}$	0	$-\frac{3362}{193}$	$\frac{15\,129}{385}$	$\frac{403\,440}{147\,944\,693}$	$\frac{403\,440}{35\,350\,847}$
21	-8	8	20	-5	-14	11	$\frac{1452\,384}{4685}$	0	$-\frac{53\,792}{693}$	$\frac{45\,387}{1232}$	$\frac{19\,365\,120}{76\,165\,637}$	$\frac{19\,365\,120}{13\,571\,183}$
22	-8	9	4	2	15	-10	$\frac{20\,172}{10\,359}$	$-\frac{1}{1681}$	$\frac{6724}{243}$	$-\frac{5043}{9}$	$\frac{268\,960}{3551\,913}$	$\frac{268\,960}{6108\,453}$
23	-8	9	4	8	3	-4	$\frac{107\,584}{6139}$	0	$-\frac{107\,584}{5}$	$\frac{1681}{77}$	$\frac{4303\,360}{21\,017}$	$\frac{4303\,360}{214\,627}$
24	-8	9	12	-4	3	0	$\frac{181\,548}{1151}$	0	$-\frac{6724}{9}$	$\frac{45\,387}{4}$	$\frac{11\,808}{395\,161}$	$\frac{484\,128}{192\,619}$
25	-8	9	12	2	-9	6	$\frac{80\,688}{6724}$	$-\frac{1}{1681}$	$-\frac{26\,896}{27}$	$\frac{5043}{432}$	$\frac{1075\,840}{74\,341\,659}$	$\frac{1075\,840}{14\,341\,659}$
26	-8	9	20	2	-9	-2	$\frac{6724}{589}$	$-\frac{1}{1681}$	$\frac{6724}{351}$	$-\frac{1681}{416}$	$-\frac{268\,960}{37\,708\,859}$	$-\frac{268\,960}{6915\,521}$
27	-7	7	1	5	17	-11	$\frac{3362}{31\,077}$	$-\frac{1}{1681}$	$\frac{3362}{729}$	$-\frac{1681}{27}$	$-\frac{134\,480}{61\,489\,179}$	$-\frac{134\,480}{20\,745\,999}$
28	-7	7	1	11	5	-5	$\frac{430\,336}{1151}$	0	$-\frac{430\,336}{1}$	$\frac{6724}{64}$	$-\frac{17\,213\,440}{1000\,321}$	$-\frac{17\,213\,440}{192\,619}$
29	-7	7	9	-1	5	-1	$\frac{45\,387}{1151}$	0	$-\frac{1681}{27}$	$\frac{45\,387}{1}$	$\frac{605\,160}{1353\,583}$	$\frac{605\,160}{544\,237}$
30	-7	7	9	5	-7	5	$\frac{107\,584}{27}$	0	$-\frac{107\,584}{729}$	$\frac{1681}{432}$	$\frac{4303\,360}{76\,771\,301}$	$\frac{4303\,360}{14\,375\,279}$
31	-7	7	17	5	-7	-3	$\frac{8724}{705}$	$-\frac{1}{1681}$	$\frac{6724}{705}$	$-\frac{1681}{45\,391\,899}$	$\frac{268\,960}{833\,197}$	$\frac{268\,960}{833\,197}$
32	-7	8	1	0	22	-12	$\frac{60\,516}{3453}$	$-\frac{1}{1681}$	$\frac{6724}{81}$	$-\frac{15\,129}{6}$	$\frac{161\,376}{6832\,131}$	$\frac{161\,376}{2305\,111}$
33	-7	8	1	6	10	-6	$\frac{53\,792}{46\,629}$	0	$-\frac{53\,792}{793}$	$\frac{1681}{27}$	$\frac{2151\,680}{165\,811\,941}$	$\frac{2151\,680}{10\,043\,919}$
34	-7	8	1	12	-2	0	$\frac{1721\,344}{1151}$	0	$-\frac{1721\,344}{3}$	$\frac{26\,896}{8}$	$\frac{68\,853\,760}{395\,161}$	$\frac{68\,853\,760}{192\,619}$
35	-7	8	9	0	-2	4	$\frac{121\,032}{1427}$	0	$-\frac{13\,448}{185}$	$\frac{15\,129}{62}$	$\frac{1613\,760}{9699\,139}$	$\frac{1613\,760}{2195\,305}$
36	-7	8	17	-6	-14	14	$\frac{968\,256}{27}$	$-\frac{1}{1681}$	$\frac{107\,584}{729}$	$-\frac{432}{432}$	$\frac{2582\,016}{77\,040\,261}$	$\frac{2582\,016}{14\,375\,279}$
37	-7	8	17	0	-2	-4	$\frac{9524}{2383}$	$-\frac{1}{1681}$	$\frac{6724}{711}$	$-\frac{1681}{1584}$	$\frac{268\,960}{74\,663\,799}$	$\frac{268\,960}{14\,090\,901}$
38	-6	6	-2	3	24	-13	$\frac{20\,172}{10\,359}$	$-\frac{1}{1681}$	$\frac{6724}{243}$	$\frac{5043}{9}$	$-\frac{268\,960}{54\,385\,353}$	$-\frac{268\,960}{8529\,093}$
39	-6	6	-2	9	12	-7	$\frac{215\,168}{341}$	0	$-\frac{215\,168}{3}$	$\frac{3362}{17}$	$-\frac{8606\,720}{1231\,361}$	$-\frac{8606\,720}{155\,939}$
40	-6	6	6	-3	12	-3	$\frac{20\,172}{1151}$	0	$-\frac{6724}{9}$	$\frac{15\,129}{2}$	$\frac{806\,880}{563\,261}$	$\frac{806\,880}{158\,999}$
41	-6	6	6	3	0	3	$\frac{161\,376}{2233}$	0	$-\frac{53\,792}{555}$	$\frac{5043}{185}$	$\frac{2151\,680}{29\,003\,593}$	$\frac{2151\,680}{6703\,291}$
42	-6	6	14	-3	-12	13	$\frac{1936\,512}{27}$	$-\frac{1}{1681}$	$\frac{215\,168}{729}$	$-\frac{30\,258}{432}$	$\frac{5164\,032}{75\,796\,321}$	$\frac{5164\,032}{14\,408\,899}$
43	-6	6	14	3	0	-5	$\frac{6724}{187}$	$-\frac{1}{1681}$	$\frac{6724}{561}$	$-\frac{1681}{499}$	$\frac{268\,960}{49\,160\,229}$	$\frac{268\,960}{11\,276\,111}$
44	-6	6	22	-3	-12	5	$\frac{121\,032}{4786}$	0	$-\frac{13\,448}{178}$	$\frac{5043}{11\,383}$	$\frac{537\,920}{84\,700\,739}$	$\frac{537\,920}{15\,841\,961}$
45	-6	7	-2	-2	29	-14	$\frac{45\,387}{1151}$	$-\frac{1}{1681}$	$\frac{1681}{27}$	$-\frac{45\,387}{4}$	$-\frac{302\,580}{6042\,817}$	$-\frac{302\,580}{947\,677}$
46	-6	7	-2	4	17	-8	$\frac{26\,896}{243}$	0	$-\frac{26\,896}{1}$	$\frac{1681}{0}$	$\frac{1075\,840}{467\,505}$	$\frac{1075\,840}{21\,501}$
47	-6	7	-2	10	5	-2	$\frac{13\,448}{1151}$	0	$-\frac{13\,448}{1}$	$\frac{16}{16}$	$\frac{215\,168}{395\,161}$	$\frac{215\,168}{192\,619}$
48	-6	7	6	-2	5	2	$\frac{181\,548}{1151}$	0	$-\frac{6724}{1151}$	$\frac{45\,387}{2420\,640}$	$\frac{2420\,640}{833\,197}$	$\frac{2420\,640}{833\,197}$
49	-6	7	6	4	-7	8	$\frac{430\,336}{182}$	0	$-\frac{430\,336}{182}$	$\frac{6724}{11\,639}$	$-\frac{17\,213\,440}{85\,491\,061}$	$-\frac{17\,213\,440}{16\,227\,199}$
50	-6	7	14	-2	5	-6	$\frac{45\,387}{0}$	$-\frac{1}{1681}$	$\frac{1681}{0}$	$-\frac{45\,387}{0}$	$-\frac{302\,580}{37}$	$-\frac{302\,580}{8}$
51	-6	7	14	4	-7	0	$\frac{4847}{60\,516}$	$-\frac{1}{1681}$	$\frac{717}{6724}$	$-\frac{3824}{15\,129}$	$-\frac{220\,059\,299}{806\,880}$	$-\frac{42\,960\,521}{806\,880}$
52	-5	5	-5	1	31	-15	$\frac{3453}{107\,584}$	0	$-\frac{81}{107\,584}$	$-\frac{3}{1681}$	$-\frac{40\,721\,091}{4303\,360}$	$-\frac{3918\,871}{4303\,360}$
53	-5	5	-5	7	19	-9	$\frac{107\,584}{1151}$	0	$-\frac{107\,584}{3}$	$\frac{1681}{4}$	$\frac{4303\,360}{899\,461}$	$\frac{4303\,360}{91\,759}$
54	-5	5	3	1	7	1	$\frac{242\,064}{3453}$	0	$-\frac{26\,896}{15\,129}$	$\frac{15\,129}{3227\,520}$	$\frac{3227\,520}{15\,314\,691}$	$\frac{3227\,520}{3380\,861}$
55	-5	5	3	7	-5	7	$\frac{1721\,344}{403}$	0	$-\frac{1721\,344}{185}$	$\frac{26\,896}{185}$	$\frac{68\,853\,760}{321\,409}$	$\frac{68\,853\,760}{761\,331}$
56	-5	5	11	-5	-5	11	$\frac{484\,128}{27}$	0	$\frac{53\,792}{729}$	$-\frac{123}{432}$	$-\frac{430\,336}{74\,552\,381}$	$-\frac{430\,336}{14\,442\,519}$
57	-5	5	11	1	7	-7	$\frac{6724}{0}$	$-\frac{1}{1681}$	$\frac{6724}{0}$	$-\frac{1681}{0}$	$-\frac{268\,960}{45}$	$-\frac{268\,960}{1}$
58	-5	5	11	7	-5	-1	$\frac{1151}{40\,344}$	0	$-\frac{0}{13\,448}$	$\frac{8}{5043}$	$-\frac{4546\,979}{537\,920}$	$-\frac{427\,959}{537\,920}$
59	-5	6	-5	2	24	-10	$\frac{5193}{430\,336}$	0	$-\frac{179}{430\,336}$	$\frac{9}{6724}$	$-\frac{27\,519\,273}{17\,213\,440}$	$-\frac{173\,853}{419\,840}$
60	-5	6	-5	8	12	-4	$\frac{197}{181\,548}$	0	$-\frac{1}{6724}$	$\frac{45\,387}{1}$	$\frac{483\,121}{2420\,640}$	$\frac{82\,579}{2420\,640}$
61	-5	6	3	-4	12	0	$\frac{1151}{645\,504}$	0	$-\frac{9}{729}$	$-\frac{10\,086}{432}$	$-\frac{1521\,179}{8606\,720}$	$-\frac{360\,719}{8606\,720}$
62	-5	6	3	2	0	6	$\frac{27}{6724}$	$-\frac{1}{1681}$	$\frac{729}{6724}$	$-\frac{432}{1681}$	$-\frac{147\,045\,537}{537\,920}$	$-\frac{29\,162\,403}{537\,920}$
63	-5	6	3	14	0	-6	$\frac{2509}{11\,619\,072}$	0	$-\frac{563}{430\,336}$	$\frac{563}{181\,548}$	$\frac{438\,215\,183}{154\,920\,960}$	$\frac{102\,090\,317}{154\,920\,960}$
64	-5	6	11	-4	-12	16	0	0	0	0	$-\frac{45}{8}$	$-\frac{1}{8}$
65	-5	6	11	2	0	-2	0	0	0	0	0	0

UNDER PEER REVIEW							559	0	559	-2233	-436 282 699	-101 760 001
66	-5	6	19	4	12	8	$\frac{726\ 192}{4969}$	$-\frac{1}{1681}$	$\frac{26\ 896}{361}$	$-\frac{45\ 387}{11\ 561}$	$-\frac{9682\ 560}{321\ 374\ 941}$	$-\frac{9682\ 560}{65\ 513\ 719}$
67	-4	4	-8	-1	38	-17	$\frac{90\ 774}{1151}$	0	$\frac{3362}{27}$	$-\frac{45\ 387}{1681}$	$-\frac{1210\ 320}{2023\ 1720}$	$-\frac{1210\ 320}{2023\ 1720}$
68	-4	4	-8	5	26	-11	$\frac{53\ 792}{1151}$	0	$-\frac{53\ 792}{27}$	$-\frac{1681}{1}$	$-\frac{2151\ 680}{14\ 380\ 577}$	$-\frac{2151\ 680}{1754\ 557}$
69	-4	4	0	5	2	5	$\frac{860\ 672}{1151}$	0	$-\frac{860\ 672}{1}$	$-\frac{13\ 448}{8}$	$-\frac{34\ 426\ 880}{1908\ 061}$	$-\frac{34\ 426\ 880}{109\ 961}$
70	-4	4	0	-1	14	-1	$\frac{363\ 096}{3483}$	$-\frac{1}{1681}$	$-\frac{13\ 448}{93\ 913}$	$-\frac{45\ 387}{3483}$	$-\frac{4841\ 280}{9047\ 323\ 269}$	$-\frac{4841\ 280}{1901\ 282\ 031}$
71	-4	4	0	17	2	-7	$\frac{860\ 672}{2923}$	0	$-\frac{860\ 672}{1685}$	$-\frac{13\ 448}{1685}$	$-\frac{34\ 426\ 880}{263\ 823\ 301}$	$-\frac{34\ 426\ 880}{60\ 858\ 031}$
72	-4	4	8	-1	-10	15	$\frac{23\ 238\ 144}{365}$	$-\frac{1}{1681}$	$-\frac{363\ 096}{365}$	$-\frac{363\ 096}{45\ 387}$	$-\frac{61\ 968\ 384}{65\ 801\ 437}$	$-\frac{61\ 968\ 384}{13\ 014\ 775}$
73	-4	4	8	-1	14	-9	$\frac{90\ 774}{1151}$	0	$\frac{3362}{0}$	$-\frac{45\ 387}{0}$	$-\frac{242\ 064}{53}$	$-\frac{242\ 064}{8}$
74	-4	4	8	5	2	-3	$-\frac{1}{864}$	0	$-\frac{1}{32}$	$-\frac{2}{27}$	$-\frac{780\ 181}{11\ 520}$	$-\frac{780\ 181}{11\ 520}$
75	-4	4	16	-1	-10	7	$-\frac{658}{45\ 387}$	$-\frac{1}{1681}$	$-\frac{658}{1681}$	$-\frac{42\ 103}{45\ 387}$	$-\frac{245\ 619\ 269}{302\ 580}$	$-\frac{245\ 619\ 269}{302\ 580}$
76	-4	4	24	-1	-10	-1	$\frac{1151}{60\ 516}$	0	$-\frac{3}{6724}$	$-\frac{16}{15\ 129}$	$-\frac{9690\ 839}{806\ 880}$	$-\frac{9690\ 839}{806\ 880}$
77	-4	5	-8	0	31	-12	$\frac{53\ 792}{1151}$	0	$-\frac{53\ 792}{9}$	$-\frac{1681}{1}$	$-\frac{2151\ 680}{4345\ 299}$	$-\frac{2151\ 680}{495\ 199}$
78	-4	5	-8	6	19	-6	$\frac{968\ 256}{435}$	0	$-\frac{107\ 584}{65}$	$-\frac{15\ 129}{3}$	$-\frac{12\ 910\ 080}{1699\ 869}$	$-\frac{12\ 910\ 080}{2022\ 071}$
79	-4	5	0	0	7	4	$\frac{860\ 672}{27}$	0	$-\frac{860\ 672}{729}$	$-\frac{13\ 448}{432}$	$-\frac{34\ 426\ 880}{71\ 139\ 951}$	$-\frac{34\ 426\ 880}{14\ 694\ 669}$
80	-4	5	0	6	-5	10	$\frac{6724}{323}$	$-\frac{1}{1681}$	$-\frac{6724}{189}$	$-\frac{1681}{190}$	$-\frac{268\ 960}{147\ 067\ 729}$	$-\frac{268\ 960}{33\ 700\ 051}$
81	-4	5	0	12	7	-8	$\frac{2904\ 768}{0}$	0	$-\frac{107\ 584}{0}$	$-\frac{45\ 387}{0}$	$-\frac{38\ 730\ 240}{53}$	$-\frac{38\ 730\ 240}{1}$
82	-4	5	8	-6	-5	14	0	0	0	0	$-\frac{53}{27}$	$-\frac{53}{8}$
83	-4	5	8	0	7	-4	0	0	0	0	$-\frac{32}{19\ 541\ 499}$	$-\frac{32}{1167\ 599}$
84	-4	5	8	6	-5	2	$\frac{1151}{80\ 688}$	0	$-\frac{9}{26\ 896}$	$-\frac{4}{5043}$	$-\frac{19\ 541\ 499}{1075\ 840}$	$-\frac{19\ 541\ 499}{1075\ 840}$
85	-3	3	-11	3	33	-13	$\frac{15\ 129}{1151}$	0	0	$-\frac{15\ 129}{1}$	$-\frac{40\ 344}{11\ 338\ 219}$	$-\frac{40\ 344}{1033\ 119}$
86	-3	3	-3	-3	21	-3	$\frac{1291\ 008}{1755}$	$-\frac{1}{1681}$	$-\frac{430\ 336}{47\ 257}$	$-\frac{20\ 172}{1755}$	$-\frac{17\ 213\ 440}{868\ 373\ 217}$	$-\frac{17\ 213\ 440}{193\ 617\ 027}$
87	-3	3	-3	3	9	3	$\frac{430\ 336}{23}$	0	$-\frac{430\ 336}{561}$	$-\frac{6724}{187}$	$-\frac{3442\ 688}{146\ 816\ 887}$	$-\frac{3442\ 688}{33\ 699\ 973}$
88	-3	3	-3	15	9	-9	$\frac{645\ 504}{0}$	0	$-\frac{215\ 168}{0}$	$-\frac{30\ 258}{0}$	$-\frac{25\ 820\ 160}{61}$	$-\frac{25\ 820\ 160}{1}$
89	-3	3	5	-3	-3	13	0	0	0	0	$-\frac{8}{9}$	$-\frac{8}{32}$
90	-3	3	5	3	9	-5	$\frac{187}{121\ 032}$	0	$-\frac{561}{13\ 448}$	$-\frac{499}{5043}$	$-\frac{48\ 822\ 309}{537\ 920}$	$-\frac{48\ 822\ 309}{537\ 920}$
91	-3	3	5	9	-3	1	$\frac{2303}{181\ 548}$	0	$-\frac{1}{6724}$	$-\frac{7}{45\ 387}$	$-\frac{40\ 717\ 019}{2420\ 640}$	$-\frac{40\ 717\ 019}{2420\ 640}$
92	-3	3	13	-3	-3	5	$\frac{589}{107\ 584}$	0	$-\frac{7}{2624}$	$-\frac{13}{1681}$	$-\frac{16\ 087\ 379}{4303\ 360}$	$-\frac{16\ 087\ 379}{4303\ 360}$
93	-3	4	-11	-2	38	-14	$\frac{1151}{1452\ 384}$	0	$-\frac{1}{53\ 792}$	$-\frac{2}{45\ 387}$	$-\frac{10\ 800\ 299}{19\ 365\ 120}$	$-\frac{10\ 800\ 299}{19\ 365\ 120}$
94	-3	4	-11	4	26	-8	$\frac{1721\ 344}{589}$	0	$-\frac{41\ 984}{729}$	$-\frac{26\ 896}{432}$	$-\frac{68\ 853\ 760}{67\ 962\ 861}$	$-\frac{68\ 853\ 760}{67\ 962\ 861}$
95	-3	4	-3	-2	14	2	$\frac{6724}{3983}$	$-\frac{1}{1681}$	$-\frac{6724}{1679}$	$-\frac{1681}{1679}$	$-\frac{268\ 960}{1333\ 084\ 859}$	$-\frac{268\ 960}{303\ 739\ 601}$
96	-3	4	5	-2	-10	18	$\frac{46\ 476\ 288}{1}$	0	$-\frac{1721\ 344}{1}$	$-\frac{726\ 192}{25}$	$-\frac{619\ 683\ 840}{19\ 116\ 421}$	$-\frac{619\ 683\ 840}{440\ 081}$
97	-3	4	5	-2	14	-6	$\frac{181\ 548}{0}$	0	$-\frac{6724}{1}$	$-\frac{45\ 387}{0}$	$-\frac{2420\ 640}{11}$	$-\frac{2420\ 640}{16}$
98	-3	4	5	4	2	0	0	0	0	0	$-\frac{16}{780\ 181}$	$-\frac{16}{181\ 279}$
99	-3	4	5	4	2	0	$-\frac{1}{1728}$	0	$-\frac{1}{64}$	$-\frac{27}{26\ 921}$	$-\frac{23\ 040}{665\ 300\ 341}$	$-\frac{23\ 040}{152\ 144\ 959}$
100	-3	4	13	-2	-10	10	$\frac{841}{90\ 774}$	0	$-\frac{3362}{3}$	$-\frac{45\ 387}{8}$	$-\frac{1210\ 320}{39\ 242\ 819}$	$-\frac{1210\ 320}{2310\ 679}$
101	-3	4	21	-2	-10	2	$\frac{1151}{121\ 032}$	0	$-\frac{13\ 448}{1}$	$-\frac{15\ 129}{1}$	$-\frac{1613\ 760}{25\ 324\ 139}$	$-\frac{1613\ 760}{2108\ 959}$
102	-3	4	21	-2	-10	2	$\frac{1151}{1936\ 512}$	0	$-\frac{215\ 168}{23\ 929}$	$-\frac{30\ 258}{891}$	$-\frac{25\ 820\ 160}{2065\ 387\ 653}$	$-\frac{25\ 820\ 160}{497\ 855\ 727}$
103	-2	2	-14	1	40	-15	$\frac{891}{215\ 168}$	$-\frac{1}{1681}$	$-\frac{215\ 168}{93}$	$-\frac{3362}{371}$	$-\frac{8606\ 720}{73\ 345\ 733}$	$-\frac{8606\ 720}{16\ 849\ 967}$
104	-2	2	-6	1	16	1	$\frac{726\ 192}{59}$	0	$-\frac{26\ 896}{315}$	$-\frac{45\ 387}{35}$	$-\frac{9682\ 560}{5570\ 035}$	$-\frac{9682\ 560}{1260\ 921}$
105	-2	2	2	1	-8	17	$\frac{645\ 504}{0}$	0	$-\frac{215\ 168}{0}$	$-\frac{10\ 086}{0}$	$-\frac{1721\ 344}{69}$	$-\frac{1721\ 344}{1}$
106	-2	2	2	1	16	-7	0	0	0	0	$-\frac{8}{1}$	$-\frac{8}{5}$
107	-2	2	2	7	4	-1	0	0	0	0	$-\frac{32}{780\ 181}$	$-\frac{32}{181\ 279}$
108	-2	2	2	7	4	-1	$-\frac{1}{1152}$	0	$-\frac{3}{128}$	$-\frac{1}{18}$	$-\frac{15\ 360}{788\ 461}$	$-\frac{15\ 360}{181\ 159}$
109	-2	2	10	1	-8	9	$\frac{1}{72}$	0	$-\frac{3}{8}$	$-\frac{8}{9}$	$-\frac{960}{663\ 373}$	$-\frac{960}{184\ 487}$
110	-2	2	18	1	-8	1	$\frac{77}{20\ 172}$	0	$-\frac{37}{6724}$	$-\frac{80}{5043}$	$-\frac{53\ 792}{8916\ 661}$	$-\frac{53\ 792}{53\ 039}$
111	-2	3	-14	2	33	-10	$\frac{385}{726\ 192}$	0	$-\frac{26\ 896}{57}$	$-\frac{45\ 387}{5}$	$-\frac{9682\ 560}{683\ 435}$	$-\frac{9682\ 560}{191\ 311}$
112	-2	3	-6	-4	21	0	$\frac{322\ 752}{27}$	0	$-\frac{107\ 584}{729}$	$-\frac{5043}{432}$	$-\frac{860\ 672}{63\ 726\ 741}$	$-\frac{860\ 672}{15\ 047\ 679}$
113	-2	3	-6	2	9	6	$\frac{6724}{59}$	$-\frac{1}{1681}$	$-\frac{6724}{35}$	$-\frac{1681}{140}$	$-\frac{268\ 960}{86\ 953}$	$-\frac{268\ 960}{79\ 543}$
114	-2	3	-6	2	9	6	$\frac{726\ 192}{0}$	0	$-\frac{26\ 896}{0}$	$-\frac{45\ 387}{0}$	$-\frac{30\ 258}{3}$	$-\frac{121\ 032}{1}$
115	-2	3	-6	8	21	-12	0	0	0	0	$-\frac{171}{128}$	$-\frac{171}{15}$
116	-2	3	2	2	9	-2	0	0	0	0	$-\frac{128}{193}$	$-\frac{128}{8}$
117	-2	3	2	8	-3	4	$-\frac{559}{726\ 192}$	0	$-\frac{559}{26\ 896}$	$-\frac{2233}{45\ 387}$	$-\frac{436\ 282\ 699}{9682\ 560}$	$-\frac{436\ 282\ 699}{9682\ 560}$
118	-2	3	10	-4	-3	8	$\frac{27}{6724}$	$-\frac{1}{1681}$	$-\frac{601}{6724}$	$-\frac{27}{1681}$	$-\frac{94\ 900\ 059}{68\ 853\ 760}$	$-\frac{94\ 900\ 059}{68\ 853\ 760}$
119	-2	3	10	8	-3	-4	$\frac{575}{90\ 774}$	0	$-\frac{1}{3362}$	$-\frac{1107}{1107}$	$-\frac{38\ 505\ 719}{1210\ 320}$	$-\frac{38\ 505\ 719}{1210\ 320}$
120	-2	3	10	8	-3	-4	$\frac{1151}{2904\ 768}$	0	$-\frac{1}{107\ 584}$	$-\frac{45\ 387}{45\ 387}$	$-\frac{38\ 730\ 240}{54\ 371\ 819}$	$-\frac{38\ 730\ 240}{5336\ 479}$
121	-1	1	-17	-1	47	-17	$\frac{459}{107\ 584}$	$-\frac{1}{1681}$	$-\frac{12\ 265}{107\ 584}$	$-\frac{459}{1681}$	$-\frac{977\ 981\ 877}{4303\ 360}$	$-\frac{977\ 981\ 877}{4303\ 360}$
122	-1	1	-9	-1	23	-1	$\frac{4513}{46\ 476\ 288}$	0	$-\frac{3361}{1721\ 344}$	$-\frac{726\ 192}{25}$	$-\frac{2677\ 340\ 341}{619\ 683\ 840}$	$-\frac{2677\ 340\ 341}{619\ 683\ 840}$
123	-1	1	-9	11	23	-13	$-\frac{1}{181\ 548}$	0	$-\frac{6724}{1}$	$-\frac{45\ 387}{2}$	$-\frac{2420\ 640}{1}$	$-\frac{2420\ 640}{4}$
124	-1	1	-1	-1	-1	15	0	0	0	0	$-\frac{94\ 900\ 059}{68\ 853\ 760}$	$-\frac{94\ 900\ 059}{68\ 853\ 760}$
125	-1	1	-1	5	11	-3	$\frac{27}{1721\ 344}$	0	$-\frac{601}{1721\ 344}$	$-\frac{27}{26\ 896}$	$-\frac{94\ 900\ 059}{68\ 853\ 760}$	$-\frac{94\ 900\ 059}{68\ 853\ 760}$
126	-1	1	-1	11	-1	3	$-\frac{864}{27}$	0	$-\frac{32}{729}$	$-\frac{27}{432}$	$-\frac{11\ 520}{67\ 055\ 121}$	$-\frac{11\ 520}{67\ 055\ 121}$
127	-1	1	7	-1	-1	7	$\frac{6724}{3361}$	$-\frac{1}{1681}$	$-\frac{6724}{3361}$	$-\frac{53\ 767}{1681}$	$-\frac{268\ 960}{2645\ 608\ 141}$	$-\frac{268\ 960}{2645\ 608\ 141}$
128	-1	1	7	11	-1	-5	$\frac{181\ 548}{5904}$	0	$-\frac{45\ 387}{26\ 896}$	$-\frac{45\ 387}{15\ 129}$	$-\frac{2420\ 640}{99\ 465\ 901}$	$-\frac{2420\ 640}{99\ 465\ 901}$
129	-1	1	15	-1	-1	-1	$\frac{17}{94\ 464}$	0	$-\frac{26\ 896}{299}$	$-\frac{15\ 129}{121}$	$-\frac{3227\ 520}{58\ 659\ 021}$	$-\frac{3227\ 520}{58\ 659\ 021}$
130	-1	2	-17	0	40	-12	$\frac{504}{27}$	0	$-\frac{430\ 336}{729}$	$-\frac{60\ 516}{432}$	$-\frac{51\ 640\ 320}{58\ 078\ 581}$	$-\frac{51\ 640\ 320}{58\ 078\ 581}$
131	-1	2	-9	0	16	4	$\frac{6724}{505}$	$-\frac{1}{1681}$	$-\frac{6724}{377}$	$-\frac{1681}{379}$	$-\frac{268\ 960}{298\ 884\ 157}$	$-\frac{268\ 960}{298\ 884\ 157}$
132	-1	2	-9	6	28	-14	$\frac{5809\ 536}{1}$	0	$-\frac{215\ 168}{593}$	$-\frac{90\ 774}{65}$	$-\frac{77\ 460\ 480}{10140\ 497}$	$-\frac{77\ 460\ 480}{2350\ 803}$
133	-1	2	-1	-6	4	14	$-\frac{1}{62\ 976}$	0	$-\frac{860\ 672}{0}$	$-\frac{40\ 344}{0}$	$-\frac{6885\ 376}{0}$	$-\frac{6885\ 376}{0}$
134	-1	2	-1	0	-8	20						
135	-1	2	-1	0	-8	20						

UNDER	16	1	2	0	16	4	0	0	0	0	- $\frac{1}{4}$	$\frac{1}{4}$
136	-1	2	-1	6	4	2	0	0	0	0	$\frac{135}{64}$	$-\frac{11}{11}$
137	-1	2	7	0	-8	12	$\frac{1}{2304}$	0	$\frac{3}{256}$	$-\frac{1}{432}$	$-\frac{782}{30720}$	$-\frac{1807}{30720}$
138	-1	2	7	0	-8	12	$\frac{1}{2304}$	0	$\frac{3}{256}$	$-\frac{1}{432}$	$-\frac{782}{30720}$	$-\frac{1807}{30720}$
139	-1	2	7	6	4	-6	$\frac{6724}{127}$	$-\frac{1}{1681}$	$\frac{6724}{3}$	$-\frac{1}{1681}$	$-\frac{268960}{4059833}$	$-\frac{268960}{605173}$
140	0	0	-12	-3	30	-3	$\frac{484128}{243}$	0	$-\frac{53792}{6433}$	$\frac{5043}{486}$	$\frac{2151680}{468167949}$	$\frac{2151680}{139938951}$
141	0	0	-12	9	30	-15	$\frac{53792}{1}$	$-\frac{1}{1681}$	$\frac{53792}{3}$	$-\frac{1}{1681}$	$\frac{2151680}{782101}$	$\frac{2151680}{181279}$
142	-1	2	15	0	-8	4	$-\frac{144}{875}$	0	$-\frac{16}{2241}$	$\frac{9}{83}$	$\frac{1920}{198549069}$	$\frac{1090}{44399271}$
143	0	0	-4	-3	6	13	$\frac{7746048}{1}$	0	$\frac{860672}{1}$	$-\frac{13448}{23}$	$-\frac{34426880}{23}$	$-\frac{34426880}{23}$
144	0	0	-4	3	18	-5	0	0	0	$-\frac{8}{23}$	$-\frac{48907899}{34426880}$	$-\frac{23591919}{34426880}$
145	0	0	-4	9	6	1	$\frac{27}{860672}$	0	$\frac{601}{860672}$	$-\frac{27}{13448}$	$-\frac{48907899}{34426880}$	$-\frac{23591919}{34426880}$
146	0	0	4	-3	6	5	$-\frac{187}{121032}$	0	$-\frac{561}{13448}$	$\frac{499}{5043}$	$\frac{48622309}{537920}$	$\frac{11276111}{537920}$
147	0	0	4	3	-6	11	$\frac{1}{1536}$	0	$\frac{512}{729}$	$-\frac{1}{24}$	$-\frac{785141}{64634481}$	$-\frac{180799}{20480}$
148	0	0	4	9	6	-7	$\frac{6724}{27}$	$-\frac{1}{1681}$	$\frac{6724}{1}$	$-\frac{1681}{268960}$	$-\frac{64634481}{268960}$	$-\frac{14543379}{268960}$
149	0	0	12	3	-6	3	$-\frac{96}{469}$	0	$-\frac{32}{149}$	$\frac{3}{2887}$	$\frac{1280}{167346061}$	$\frac{1280}{29494279}$
150	0	1	-20	-2	47	-14	$\frac{181548}{235}$	0	$\frac{6724}{75}$	$-\frac{45387}{182}$	$-\frac{2420640}{82187071}$	$-\frac{2420640}{15283549}$
151	0	1	-12	-2	23	2	$\frac{1452384}{27}$	0	$\frac{53792}{729}$	$-\frac{45387}{432}$	$-\frac{19365120}{50581321}$	$-\frac{19365120}{15686459}$
152	0	1	-12	4	35	-16	$\frac{6724}{1211}$	$-\frac{1}{1681}$	$\frac{6724}{1531}$	$-\frac{1681}{1499}$	$\frac{268960}{1153161719}$	$\frac{268960}{272952581}$
153	0	1	-4	-2	-1	18	$-\frac{46476288}{1}$	0	$-\frac{1721344}{1}$	$\frac{726192}{25}$	$\frac{619683840}{2971919}$	$\frac{619683840}{1072819}$
154	0	1	-4	-2	23	-6	$-\frac{181548}{1}$	0	$-\frac{6724}{1}$	$\frac{45387}{13}$	$-\frac{2420640}{13}$	$-\frac{2420640}{13}$
155	0	1	-4	4	11	0	0	0	0	0	$-\frac{4}{783781}$	$-\frac{180559}{23040}$
156	0	1	4	-2	-1	10	$\frac{1}{1728}$	0	$\frac{1}{64}$	$-\frac{1}{27}$	$-\frac{783781}{23040}$	$-\frac{180559}{23040}$
157	0	1	4	4	11	-8	$\frac{27}{6724}$	$-\frac{1}{1681}$	$\frac{729}{6724}$	$-\frac{432}{1681}$	$-\frac{64567241}{268960}$	$-\frac{14610619}{268960}$
158	0	1	4	10	-1	-2	0	0	0	0	$-\frac{243}{32}$	$-\frac{268960}{9}$
159	0	1	12	-2	-1	2	$-\frac{841}{90774}$	0	$-\frac{841}{3362}$	$\frac{26921}{45387}$	$\frac{657281971}{1210320}$	$\frac{152296249}{1210320}$
160	1	-1	-15	7	37	-17	$\frac{135}{26896}$	$-\frac{1}{1681}$	$\frac{3517}{26896}$	$-\frac{540}{191}$	$-\frac{47170725}{215168}$	$-\frac{15734479}{264262993}$
161	1	-1	-7	-5	13	11	$\frac{14915}{11619072}$	0	$\frac{14915}{430336}$	$-\frac{191}{181548}$	$-\frac{29004937}{3778560}$	$-\frac{15168}{154920960}$
162	1	-1	-7	1	25	-7	0	0	0	0	$-\frac{11}{2}$	$-\frac{1}{5}$
163	1	-1	-7	7	13	-1	$\frac{27}{430336}$	0	$\frac{601}{430336}$	$-\frac{27}{6724}$	$\frac{12598299}{17213440}$	$-\frac{20633359}{17213440}$
164	1	-1	1	1	1	9	$\frac{1}{1152}$	0	$\frac{3}{128}$	$-\frac{1}{786421}$	$-\frac{17213440}{786421}$	$-\frac{180799}{180799}$
165	1	-1	1	7	13	-9	$\frac{27}{6724}$	$-\frac{1}{1681}$	$\frac{729}{6724}$	$-\frac{18}{1681}$	$-\frac{15360}{62112981}$	$-\frac{15360}{14509759}$
166	1	-1	1	13	1	-3	0	0	0	0	$-\frac{81}{268960}$	$-\frac{268960}{268960}$
167	1	-1	9	1	1	1	$-\frac{1}{72}$	0	$-\frac{3}{8}$	$\frac{8}{781141}$	$-\frac{32}{181279}$	$-\frac{960}{181279}$
168	1	0	-15	-4	30	0	$\frac{551}{2904768}$	0	$\frac{295}{107584}$	$-\frac{356}{45387}$	$-\frac{347453459}{40730661}$	$-\frac{55577561}{38730240}$
169	1	0	-15	2	42	-18	$\frac{27}{6724}$	$-\frac{1}{1681}$	$\frac{729}{6724}$	$-\frac{432}{1681}$	$-\frac{40730661}{268960}$	$-\frac{16257999}{268960}$
170	1	0	-7	-4	6	16	$-\frac{1685}{46476288}$	0	$-\frac{1941}{1721344}$	$\frac{1877}{726192}$	$\frac{1409780537}{619683840}$	$\frac{349041803}{619683840}$
171	1	0	-7	2	18	-2	0	0	0	0	$-\frac{39}{8}$	$-\frac{2}{3}$
172	1	0	1	-4	6	8	$\frac{559}{726192}$	0	$\frac{559}{26896}$	$-\frac{2233}{45387}$	$-\frac{439308499}{9682560}$	$-\frac{101154841}{9682560}$
173	1	0	1	2	-6	14	$-\frac{3072}{27}$	0	$-\frac{1024}{729}$	$-\frac{48}{432}$	$-\frac{40960}{61709541}$	$-\frac{40960}{14644239}$
174	1	0	1	2	18	-10	$\frac{27}{6724}$	$-\frac{1}{1681}$	$\frac{729}{6724}$	$-\frac{432}{1681}$	$-\frac{268960}{99}$	$-\frac{268960}{9}$
175	1	0	1	8	6	-4	0	0	0	0	$-\frac{16}{780181}$	$-\frac{16}{181279}$
176	1	0	9	2	-6	6	$\frac{1}{192}$	0	$\frac{9}{64}$	$-\frac{1}{3600}$	$-\frac{780181}{2560}$	$-\frac{181279}{2560}$
177	1	0	17	2	-6	-2	$-\frac{400}{5043}$	$-\frac{1}{1681}$	$-\frac{3600}{181}$	$\frac{2560}{5043}$	$\frac{7811092}{134800983}$	$\frac{1813036}{47881}$
178	2	-2	-18	5	44	-19	$\frac{13448}{1}$	$-\frac{1}{1681}$	$\frac{13448}{1}$	$-\frac{1681}{23655121}$	$-\frac{537920}{1347821}$	$-\frac{537920}{1347821}$
179	2	-2	-10	-1	32	-9	$\frac{181548}{27}$	0	$\frac{6724}{601}$	$-\frac{45387}{27}$	$-\frac{2420640}{15373541}$	$-\frac{2420640}{18481679}$
180	2	-2	-10	5	20	-3	$\frac{215168}{1}$	0	$\frac{215168}{1}$	$-\frac{3362}{2}$	$-\frac{8606720}{787741}$	$-\frac{8606720}{180919}$
181	2	-2	-2	-1	8	7	$\frac{1}{864}$	0	$\frac{32}{22393}$	$-\frac{27}{827}$	$-\frac{11520}{1960884421}$	$-\frac{11520}{447585199}$
182	2	-2	-2	5	-4	13	$-\frac{827}{1721344}$	0	$-\frac{22393}{1721344}$	$\frac{827}{26896}$	$\frac{1960884421}{68853760}$	$\frac{447585199}{68853760}$
183	2	-2	-2	5	20	-11	$\frac{27}{6724}$	$-\frac{1}{1681}$	$\frac{729}{6724}$	$-\frac{432}{1681}$	$-\frac{59658721}{268960}$	$-\frac{68853760}{14408899}$
184	2	-2	-2	11	8	-5	0	0	0	0	$-\frac{32}{2624730121}$	$-\frac{32}{609597499}$
185	2	-2	6	-1	8	-1	$-\frac{3361}{181548}$	0	$-\frac{3361}{6724}$	$\frac{53767}{45387}$	$\frac{2624730121}{2420640}$	$\frac{609597499}{2420640}$
186	2	-2	6	5	-4	5	$\frac{1}{128}$	0	$\frac{27}{128}$	$-\frac{1}{2}$	$-\frac{2420640}{5120}$	$-\frac{543517}{5120}$
187	2	-2	14	5	-4	-3	$-\frac{1627}{13448}$	$-\frac{1}{1681}$	$-\frac{43929}{13448}$	$\frac{13016}{1681}$	$\frac{3817824941}{537920}$	$\frac{884834279}{537920}$
188	2	-1	-18	0	49	-20	$\frac{61}{15129}$	$-\frac{1}{1681}$	$\frac{183}{1681}$	$-\frac{3913}{15129}$	$-\frac{537920}{201730}$	$-\frac{537920}{3069573}$
189	2	-1	-10	-6	13	14	$-\frac{5}{107584}$	0	$-\frac{161}{107584}$	$-\frac{15129}{5043}$	$\frac{11306327}{4303360}$	$\frac{4920}{4303360}$
190	2	-1	-10	0	25	-4	0	0	0	0	$-\frac{57}{793861}$	$-\frac{9}{180079}$
191	2	-1	-2	0	1	12	$-\frac{1}{2304}$	0	$-\frac{3}{256}$	$\frac{1}{36}$	$\frac{793861}{30720}$	$-\frac{180079}{30720}$
192	2	-1	-2	0	25	-12	$\frac{61}{15129}$	$-\frac{1}{1681}$	$\frac{183}{1681}$	$-\frac{3913}{15129}$	$-\frac{44101921}{201720}$	$-\frac{267659}{4920}$
193	2	-1	-2	6	13	-6	0	0	0	0	$-\frac{3}{113054859}$	$-\frac{1}{31257279}$
194	2	-1	-2	12	1	0	$-\frac{27}{430336}$	0	$-\frac{601}{430336}$	$\frac{27}{6724}$	$-\frac{113054859}{17213440}$	$\frac{31257279}{17213440}$
195	2	-1	6	0	1	4	$\frac{1}{430336}$	0	$\frac{3}{430336}$	$-\frac{4}{780181}$	$-\frac{17213440}{780181}$	$-\frac{17213440}{780181}$
196	2	-1	14	0	1	-4	$\frac{141}{180}$	$-\frac{1}{1681}$	$\frac{16}{4860}$	$\frac{9}{11519}$	$\frac{1920}{21123039}$	$\frac{1920}{119413}$
197	3	-3	-21	3	51	-21	$-\frac{1681}{27}$	$-\frac{1}{1681}$	$-\frac{1681}{665}$	$-\frac{1681}{864}$	$-\frac{3362}{46980161}$	$-\frac{82}{15520739}$
198	3	-3	-13	3	27	-5	$\frac{3362}{27}$	$-\frac{1}{1681}$	$\frac{3362}{601}$	$-\frac{1681}{36352421}$	$-\frac{134480}{36352421}$	$-\frac{134480}{16867919}$
199	3	-3	-5	-3	15	5	$\frac{107584}{187}$	0	$\frac{107584}{561}$	$-\frac{1681}{499}$	$\frac{4303360}{49160229}$	$-\frac{4303360}{11276111}$
200	3	-3	-5	3	3	11	$\frac{121032}{3281}$	0	$\frac{13448}{29657}$	$\frac{5043}{3281}$	$\frac{537920}{2589305701}$	$\frac{537920}{592054159}$
201	3	-3	-5	3	27	-13	$-\frac{5164032}{6724}$	$-\frac{1}{1681}$	$-\frac{1721344}{6724}$	$\frac{80688}{1681}$	$\frac{68853760}{268960}$	$\frac{68853760}{268960}$
202	3	-3	-5	9	15	-7	0	0	0	0	$-\frac{4}{780981}$	$-\frac{4}{181119}$
203	3	-3	3	3	3	3	$\frac{1}{96}$	0	$\frac{9}{32}$	$-\frac{2}{1280}$	$-\frac{780981}{2568050221}$	$-\frac{181119}{594748519}$
204	3	-3	11	3	3	-5	$-\frac{3281}{20172}$	$-\frac{1}{1681}$	$-\frac{29529}{6724}$	$\frac{52496}{5043}$	$\frac{2568050221}{268960}$	$\frac{594748519}{268960}$
205	3	-2	-13	-2	32	-6	$\frac{1}{181548}$	0	$\frac{1}{6724}$	$-\frac{25}{45387}$	$\frac{24152519}{2420640}$	$-\frac{2888299}{2420640}$

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206	3	-2	-5	2	8	0	$-\frac{1}{1728}$	0	$-\frac{1}{64}$	$\frac{1}{27}$	$\frac{794\ 941}{23\ 040}$	$\frac{179\ 479}{23\ 040}$
207	3	-2	-5	4	20	-8	0	0	0	0	$\frac{8}{25}$	$-\frac{13}{8}$
208	3	-2	-5	10	8	-2	$-\frac{27}{215\ 168}$	0	$-\frac{601}{215\ 168}$	$\frac{27}{3362}$	$-\frac{69\ 483\ 339}{8606\ 720}$	$26\ 415\ 999$
209	3	-2	3	-2	8	2	$\frac{841}{90\ 774}$	0	$-\frac{3362}{26\ 921}$	$-\frac{45\ 387}{1210\ 320}$	$-\frac{656\ 071\ 651}{2351\ 263}$	$-\frac{8606\ 720}{542\ 717}$
210	3	-2	3	4	-4	8	$-\frac{1}{256}$	0	$-\frac{256}{27}$	$\frac{4}{10\ 240}$	$-\frac{2349\ 263}{640}$	$-\frac{10\ 240}{543\ 757}$
211	3	-2	11	4	-4	0	$-\frac{16}{182}$	0	$-\frac{16}{482}$	$-\frac{4}{11\ 639}$	$-\frac{59\ 917\ 321}{15\ 129}$	$-\frac{16\ 785\ 499}{100\ 860}$
212	4	-4	-24	1	58	-23	$\frac{15\ 129}{27}$	$-\frac{1}{1681}$	$\frac{1681}{51\ 683}$	$-\frac{15\ 129}{5}$	$-\frac{100\ 860}{21\ 516\ 80}$	$-\frac{15\ 523\ 119}{2151\ 680}$
213	4	-4	-16	1	34	-7	$\frac{53\ 792}{6481}$	0	$-\frac{53\ 792}{19\ 571}$	$-\frac{1681}{6481}$	$-\frac{5098\ 956\ 421}{103\ 280\ 640}$	$-\frac{1170\ 736\ 879}{103\ 280\ 640}$
214	4	-4	-8	1	10	9	$-\frac{7746\ 048}{121}$	0	$-\frac{860\ 672}{363}$	$\frac{121\ 032}{3863}$	$-\frac{84\ 619\ 861}{403\ 440}$	$-\frac{103\ 280\ 640}{20\ 572\ 639}$
215	4	-4	-8	1	34	-15	$\frac{30\ 258}{0}$	$-\frac{1}{1681}$	$\frac{3362}{0}$	$-\frac{15\ 129}{0}$	$\frac{403\ 440}{51}$	$-\frac{403\ 440}{7}$
216	4	-4	-8	7	22	-9	0	0	0	0	$-\frac{2}{781\ 381}$	$-\frac{2}{181\ 039}$
217	4	-4	0	1	10	1	$\frac{1}{72}$	0	$-\frac{3}{81}$	$-\frac{8}{960}$	$-\frac{7072\ 989}{20\ 480}$	$-\frac{1626\ 871}{20\ 480}$
218	4	-4	0	7	-2	7	$-\frac{512}{2201}$	0	$-\frac{512}{19\ 509}$	$\frac{3}{70\ 335}$	$\frac{1723\ 128\ 661}{134\ 480}$	$-\frac{3925\ 911\ 199}{134\ 480}$
219	4	-4	8	1	10	-7	$-\frac{10\ 086}{3}$	$-\frac{1}{1681}$	$-\frac{3362}{81}$	$\frac{5043}{-6}$	$-\frac{7040\ 349}{1280}$	$-\frac{134\ 480}{99\ 944\ 521}$
220	4	-4	8	7	-2	-1	$\frac{32}{559}$	0	$-\frac{32}{559}$	$\frac{2233}{445\ 360\ 099}$	$-\frac{9682\ 560}{111}$	$-\frac{1280}{9682\ 560}$
221	4	-3	-8	-4	15	8	$-\frac{726\ 192}{0}$	0	$-\frac{26\ 896}{0}$	$\frac{45\ 387}{0}$	$-\frac{99\ 944\ 521}{19}$	$-\frac{1280}{99\ 944\ 521}$
222	4	-3	-8	2	27	-10	0	0	0	0	$-\frac{8}{31\ 963\ 419}$	$-\frac{22\ 785\ 039}{4303\ 360}$
223	4	-3	-8	8	15	-4	$-\frac{27}{107\ 584}$	0	$-\frac{601}{107\ 584}$	$\frac{27}{1681}$	$-\frac{31\ 963\ 419}{4303\ 360}$	$-\frac{22\ 785\ 039}{180\ 879}$
224	4	-3	0	2	3	6	$-\frac{192}{27}$	0	$-\frac{64}{729}$	$\frac{3}{432}$	$-\frac{784\ 741}{31\ 144\ 743}$	$-\frac{4303\ 360}{2560}$
225	4	-3	0	14	3	-6	$\frac{6724}{1}$	$-\frac{1}{1681}$	$-\frac{6724}{9}$	$-\frac{1681}{16}$	$-\frac{134\ 480}{783\ 521}$	$-\frac{6779\ 997}{181\ 259}$
226	4	-3	8	2	3	-2	$\frac{12}{725}$	0	$-\frac{4}{597}$	$-\frac{3}{2891}$	$-\frac{160}{112\ 351\ 669}$	$-\frac{160}{25\ 630\ 975}$
227	5	-5	-19	-1	41	-9	$\frac{726\ 192}{12\ 719}$	0	$\frac{26\ 896}{12\ 847}$	$-\frac{45\ 387}{12\ 719}$	$-\frac{1936\ 512}{9951\ 685\ 979}$	$-\frac{1936\ 512}{2305\ 393\ 841}$
228	5	-5	-11	-1	17	7	$-\frac{12\ 719}{11\ 619\ 072}$	0	$-\frac{12\ 847}{430\ 336}$	$\frac{181\ 548}{154\ 920\ 960}$	$-\frac{9951\ 685\ 979}{883}$	$-\frac{2305\ 393\ 841}{43}$
229	5	-5	-11	5	29	-11	0	0	0	0	$-\frac{8}{2628\ 361\ 081}$	$-\frac{608\ 387\ 179}{2420\ 640}$
230	5	-5	-3	-1	17	-1	$\frac{3361}{181\ 348}$	0	$\frac{3361}{6724}$	$-\frac{53\ 767}{45\ 387}$	$-\frac{2628\ 361\ 081}{2420\ 640}$	$-\frac{608\ 387\ 179}{542\ 077}$
231	5	-5	-3	5	5	5	$-\frac{128}{405}$	0	$-\frac{128}{11\ 063}$	$\frac{2}{405}$	$-\frac{5120}{219\ 758\ 751}$	$-\frac{5120}{36\ 414\ 333}$
232	5	-5	-3	17	5	-7	$\frac{107\ 584}{1}$	$-\frac{1}{1681}$	$\frac{107\ 584}{27}$	$-\frac{1681}{8}$	$-\frac{860\ 672}{2345\ 543}$	$-\frac{860\ 672}{543\ 797}$
233	5	-5	5	5	5	-3	$\frac{1}{8}$	0	$-\frac{3}{8}$	$-\frac{25}{320}$	$-\frac{25\ 974\ 901}{806\ 880}$	$-\frac{2457\ 281}{806\ 880}$
234	5	-4	-11	0	34	-12	$-\frac{60\ 516}{27}$	0	$-\frac{6724}{601}$	$\frac{15\ 129}{54}$	$-\frac{806\ 880}{1301\ 979}$	$-\frac{20\ 095\ 439}{180\ 919}$
235	5	-4	-11	6	22	-6	$-\frac{53\ 792}{1}$	0	$-\frac{53\ 792}{4}$	$\frac{1681}{12}$	$-\frac{2151\ 680}{783\ 821}$	$-\frac{2151\ 680}{180\ 919}$
236	5	-4	-3	0	10	4	$-\frac{144}{4989}$	0	$-\frac{16}{134\ 959}$	$-\frac{9}{4989}$	$-\frac{1920}{11\ 815\ 644\ 867}$	$-\frac{1920}{2701\ 303\ 273}$
237	5	-4	-3	6	-2	10	$\frac{1721\ 344}{27}$	0	$\frac{1721\ 344}{729}$	$-\frac{26\ 896}{432}$	$-\frac{68\ 853\ 760}{65\ 693\ 511}$	$-\frac{68\ 853\ 760}{12\ 879\ 189}$
238	5	-4	-3	12	10	-8	$\frac{6724}{747}$	$-\frac{1}{1681}$	$-\frac{6724}{20\ 169}$	$-\frac{1681}{11\ 951}$	$-\frac{268\ 960}{1752\ 628\ 501}$	$-\frac{268\ 960}{406\ 318\ 879}$
239	5	-4	5	0	10	-4	$\frac{6724}{1}$	0	$-\frac{6724}{3}$	$-\frac{1681}{81}$	$-\frac{268\ 960}{7027\ 389}$	$-\frac{268\ 960}{1630\ 871}$
240	5	-4	5	6	-2	2	$-\frac{3}{64}$	0	$-\frac{81}{64}$	$\frac{3}{917}$	$-\frac{7027\ 389}{709\ 867\ 243}$	$-\frac{1630\ 871}{167\ 315\ 297}$
241	6	-6	-14	-3	24	5	$-\frac{2749}{1936\ 512}$	0	$-\frac{8375}{215\ 168}$	$\frac{2560}{10\ 086}$	$-\frac{709\ 867\ 243}{8606\ 720}$	$-\frac{167\ 315\ 297}{8606\ 720}$
242	6	-6	-14	3	36	-13	0	0	0	0	$-\frac{655}{8}$	$-\frac{67}{180\ 599}$
243	6	-6	-6	3	12	3	$-\frac{1}{96}$	0	$-\frac{9}{32}$	$\frac{2}{378}$	$-\frac{788\ 061}{600\ 477\ 867}$	$-\frac{180\ 599}{73\ 591\ 713}$
244	6	-6	-6	15	12	-9	$\frac{189}{53\ 792}$	$-\frac{1}{1681}$	$\frac{5231}{53\ 792}$	$-\frac{378}{1681}$	$-\frac{1280}{2151\ 680}$	$-\frac{1280}{2151\ 680}$
245	6	-6	2	3	12	-5	$\frac{1}{6}$	0	$-\frac{9}{2}$	$-\frac{32}{80}$	$-\frac{781\ 511}{21\ 099\ 447}$	$-\frac{181\ 269}{4890\ 693}$
246	6	-6	2	9	0	1	$-\frac{9}{128}$	0	$-\frac{243}{128}$	$\frac{9}{2}$	$-\frac{21\ 099\ 447}{5120}$	$-\frac{80}{5120}$
247	6	-5	-14	4	29	-8	$-\frac{26\ 896}{841}$	0	$-\frac{26\ 896}{26\ 921}$	$\frac{108}{1681}$	$-\frac{22\ 769\ 941}{1075\ 840}$	$-\frac{18\ 078\ 239}{1075\ 840}$
248	6	-5	-6	-2	17	2	$-\frac{90\ 774}{827}$	0	$-\frac{3362}{22\ 393}$	$\frac{45\ 387}{827}$	$-\frac{1075\ 840}{661\ 668\ 5381}$	$-\frac{1075\ 840}{1541\ 668\ 5381}$
249	6	-5	-6	4	5	8	$\frac{215\ 168}{27}$	0	$\frac{215\ 168}{729}$	$-\frac{3362}{432}$	$-\frac{8606\ 720}{73\ 409\ 301}$	$-\frac{8606\ 720}{11\ 820\ 159}$
250	6	-5	-6	10	17	-10	$\frac{6724}{1}$	$-\frac{1}{1681}$	$-\frac{6724}{27}$	$-\frac{1681}{4}$	$-\frac{268\ 960}{2342\ 783}$	$-\frac{268\ 960}{543\ 517}$
251	6	-5	2	4	5	0	$-\frac{1}{16}$	0	$-\frac{16}{3}$	$\frac{25}{106\ 151\ 699}$	$-\frac{640}{806\ 880}$	$-\frac{640}{180\ 439}$
252	7	-7	-17	1	43	-15	$\frac{60\ 516}{1}$	0	$\frac{6724}{3}$	$-\frac{15\ 129}{8}$	$-\frac{106\ 151\ 699}{789\ 181}$	$-\frac{11\ 057\ 959}{180\ 439}$
253	7	-7	-9	1	19	1	$-\frac{1}{81}$	0	$-\frac{3}{2315}$	$\frac{9}{324}$	$-\frac{960}{337\ 703\ 823}$	$-\frac{960}{22\ 074\ 957}$
254	7	-7	-9	13	19	-11	$\frac{26\ 896}{4483}$	$-\frac{1}{1681}$	$\frac{26\ 896}{40\ 347}$	$-\frac{1681}{71\ 731}$	$-\frac{1075\ 840}{3502\ 251\ 463}$	$-\frac{1075\ 840}{812\ 533\ 877}$
255	7	-7	-1	1	19	-7	$\frac{20\ 172}{3}$	0	$-\frac{6724}{81}$	$-\frac{5043}{6}$	$-\frac{268\ 960}{7036\ 029}$	$-\frac{268\ 960}{1629\ 911}$
256	7	-7	-1	7	7	-1	$-\frac{32}{27}$	0	$-\frac{32}{601}$	$\frac{216}{41\ 059\ 221}$	$-\frac{1280}{537\ 920}$	$-\frac{1280}{537\ 920}$
257	7	-6	-17	2	36	-10	$-\frac{13\ 448}{3281}$	0	$-\frac{13\ 448}{29\ 657}$	$\frac{1681}{3281}$	$-\frac{2585\ 136\ 821}{8606\ 720}$	$-\frac{16\ 464\ 479}{592\ 457\ 599}$
258	7	-6	-9	2	12	6	$\frac{645\ 504}{27}$	$-\frac{1}{1681}$	$\frac{215\ 168}{729}$	$-\frac{10\ 086}{432}$	$-\frac{8606\ 720}{87\ 933\ 141}$	$-\frac{8606\ 720}{10\ 206\ 399}$
259	7	-6	-9	8	24	-12	$\frac{6724}{1}$	0	$-\frac{6724}{1}$	$-\frac{1681}{1681}$	$-\frac{268\ 960}{781\ 141}$	$-\frac{268\ 960}{181\ 119}$
260	7	-6	-1	2	12	-2	$-\frac{12}{9}$	0	$-\frac{4}{243}$	$-\frac{3}{9}$	$-\frac{160}{21\ 181\ 527}$	$-\frac{160}{4883\ 493}$
261	7	-6	-1	8	0	4	$\frac{256}{15\ 021}$	0	$-\frac{256}{405\ 567}$	$\frac{4}{60\ 084}$	$-\frac{10\ 240}{35\ 254\ 414\ 323}$	$-\frac{10\ 240}{8168\ 326\ 137}$
262	7	-6	7	8	0	-4	$-\frac{15\ 021}{26\ 896}$	$-\frac{1}{1681}$	$-\frac{405\ 567}{26\ 896}$	$\frac{1681}{53\ 767}$	$-\frac{1075\ 840}{2656\ 501\ 021}$	$-\frac{1075\ 840}{605\ 663\ 959}$
263	8	-8	-12	-1	26	-1	$-\frac{3361}{1815\ 480}$	0	$-\frac{3361}{6724}$	$-\frac{53\ 767}{45\ 387}$	$-\frac{2656\ 501\ 021}{2420\ 640}$	$-\frac{605\ 663\ 959}{1565\ 361}$
264	8	-8	-12	11	26	-13	$\frac{27}{13\ 448}$	$-\frac{1}{1681}$	$-\frac{6724}{13\ 448}$	$-\frac{216}{1681}$	$-\frac{190\ 885\ 221}{537\ 920}$	$-\frac{2420\ 640}{537\ 920}$
265	8	-8	-4	5	14	-3	$-\frac{1}{8}$	0	$-\frac{27}{1223\ 045}$	$\frac{8}{45\ 279}$	$-\frac{87\ 933\ 141}{106\ 733\ 278\ 017}$	$-\frac{543\ 197}{24\ 555\ 680\ 163}$
266	8	-8	-4	11	2	3	$\frac{45\ 279}{860\ 672}$	0	$\frac{1223\ 045}{860\ 672}$	$-\frac{45\ 279}{13\ 448}$	$-\frac{320}{34\ 426\ 880}$	$-\frac{320}{34\ 426\ 880}$
267	8	-8	4	11	2	-5	$-\frac{45\ 171}{53\ 792}$	$-\frac{1}{1681}$	$-\frac{1219\ 617}{53\ 792}$	$-\frac{90\ 342}{1681}$	$-\frac{105\ 969\ 737\ 133}{2151\ 680}$	$-\frac{24\ 561\ 941\ 607}{2151\ 680}$
268	8	-7	-20	0	43	-12	$-\frac{121}{30\ 258}$	0	$-\frac{299}{19\ 571}$	$\frac{3863}{15\ 129}$	$-\frac{81\ 633\ 031}{403\ 440}$	$-\frac{22\ 546\ 549}{403\ 440}$
269	8	-7	-12	0	19	4	$\frac{968\ 256}{27}$	0	$\frac{107\ 584}{729}$	$-\frac{15\ 129}{432}$	$-\frac{5090\ 887\ 621}{12\ 910\ 080}$	$-\frac{1172\ 350\ 639}{12\ 910\ 080}$
270	8	-7	-12	6	31	-14	$\frac{6724}{747}$	$-\frac{1}{1681}$	$-\frac{6724}{11\ 951}$	$-\frac{1681}{11\ 951}$	$-\frac{268\ 960}{1751\ 584\ 561}$	$-\frac{268\ 960}{405\ 814\ 379}$
271	8	-7	-4	0	19	-4	$-\frac{6724}{3}$	0	$-\frac{6724}{81}$	$-\frac{1681}{3}$	$-\frac{268\ 960}{7068\ 429}$	$-\frac{268\ 960}{1627\ 271}$
272	8	-7	-4	6	7	2	$-\frac{64}{1254}$	0	$-\frac{64}{33\ 858}$	$-\frac{3}{80\ 256}$	$-\frac{2560}{2942\ 295\ 897}$	$-\frac{2560}{681\ 922\ 603}$
273	8	-7	4	6	7	-6	$-\frac{1}{1681}$	$-\frac{1}{1681}$	$-\frac{1681}{1681}$	$-\frac{67\ 240}{147\ 147}$	$-\frac{1681}{3362}$	$-\frac{67\ 240}{707\$

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276	9	9	-7	9	9	1	$\frac{15\,075}{215\,168}$	0	$\frac{407\,281}{215\,168}$	$-\frac{15\,075}{3362}$	$-\frac{7112\,713\,113}{1721\,344}$	$-\frac{1634\,652\,843}{1721\,344}$
277	9	-9	1	9	9	-7	$-\frac{15\,075}{13\,448}$	$-\frac{1}{1681}$	$-\frac{407\,025}{13\,448}$	$\frac{120\,600}{1681}$	$\frac{7071\,532\,281}{1681}$	$\frac{1639\,361\,547}{1681}$
278	9	-8	-15	-2	26	2	$\frac{13\,448}{1452\,384}$	0	$\frac{13\,448}{53\,792}$	$-\frac{1681}{45\,387}$	$-\frac{107\,584}{19\,365\,120}$	$-\frac{107\,584}{19\,365\,120}$
279	9	-8	-15	4	38	-16	$\frac{27}{6724}$	$-\frac{1}{1681}$	$-\frac{1}{6724}$	$-\frac{1681}{2358\,983}$	$-\frac{1681}{2358\,983}$	$-\frac{1681}{2358\,983}$
280	9	-8	-7	4	14	0	$\frac{1}{16}$	0	$\frac{16}{180\,819}$	$-\frac{1681}{107\,152}$	$-\frac{1681}{107\,152}$	$-\frac{1681}{107\,152}$
281	9	-8	1	4	14	-8	$-\frac{6697}{6724}$	$-\frac{1}{1681}$	$-\frac{1}{6724}$	$-\frac{1681}{63\,306\,981}$	$-\frac{1681}{63\,306\,981}$	$-\frac{1681}{63\,306\,981}$
282	9	-8	1	10	2	-2	$\frac{27}{64}$	$-\frac{1}{1681}$	$-\frac{1}{473}$	$-\frac{432}{93\,058\,599}$	$-\frac{432}{93\,058\,599}$	$-\frac{432}{93\,058\,599}$
283	10	-10	-18	7	40	-17	$-\frac{6724}{4483}$	$-\frac{1}{1681}$	$-\frac{6724}{40\,347}$	$-\frac{1681}{71\,731}$	$-\frac{1681}{71\,731}$	$-\frac{1681}{71\,731}$
284	10	-10	-10	1	28	-7	$-\frac{20\,172}{627}$	0	$-\frac{6724}{16\,945}$	$-\frac{5043}{10\,032}$	$-\frac{5043}{10\,032}$	$-\frac{5043}{10\,032}$
285	10	-10	-10	7	16	-1	$\frac{6724}{10\,059}$	$-\frac{1}{1681}$	$-\frac{1}{6724}$	$-\frac{1681}{271\,593}$	$-\frac{1681}{271\,593}$	$-\frac{1681}{271\,593}$
286	10	-10	-2	7	16	-9	$\frac{6724}{81}$	$-\frac{1}{1681}$	$-\frac{1}{6724}$	$-\frac{1681}{2187}$	$-\frac{1681}{2187}$	$-\frac{1681}{2187}$
287	10	-10	-2	13	4	-3	$\frac{128}{20}$	0	$\frac{128}{180}$	$-\frac{2}{5120}$	$-\frac{2}{5120}$	$-\frac{2}{5120}$
288	10	-9	-18	2	45	-18	$\frac{5043}{1}$	$-\frac{1}{1681}$	$\frac{1681}{9}$	$-\frac{123}{787\,321}$	$-\frac{1681}{787\,321}$	$-\frac{1681}{787\,321}$
289	10	-9	-10	2	21	-2	$\frac{12}{6704}$	0	$\frac{4}{60\,336}$	$-\frac{3}{10\,465}$	$-\frac{3}{10\,465}$	$-\frac{3}{10\,465}$
290	10	-9	-2	2	21	-10	$-\frac{5043}{9}$	$-\frac{1}{1681}$	$-\frac{1681}{243}$	$-\frac{123}{21\,105\,927}$	$-\frac{123}{21\,105\,927}$	$-\frac{123}{21\,105\,927}$
291	10	-9	-2	8	9	-4	$\frac{16}{81}$	0	$-\frac{16}{1675}$	$-\frac{36}{1296}$	$-\frac{36}{1296}$	$-\frac{36}{1296}$
292	11	-11	-21	5	47	-19	$-\frac{6724}{3335}$	$-\frac{1}{1681}$	$-\frac{6724}{90\,173}$	$-\frac{1681}{13\,340}$	$-\frac{1681}{13\,340}$	$-\frac{1681}{13\,340}$
293	11	-11	-13	5	23	-3	$\frac{26\,896}{13\,421}$	$-\frac{1}{1681}$	$-\frac{26\,896}{362\,367}$	$-\frac{1681}{214\,736}$	$-\frac{1681}{214\,736}$	$-\frac{1681}{214\,736}$
294	11	-11	-5	5	23	-11	$\frac{6724}{27}$	$-\frac{1}{1681}$	$-\frac{6724}{27}$	$-\frac{1681}{32}$	$-\frac{1681}{32}$	$-\frac{1681}{32}$
295	11	-11	-5	11	11	-5	$\frac{32}{747}$	0	$\frac{32}{20\,169}$	$-\frac{54}{11\,951}$	$-\frac{54}{11\,951}$	$-\frac{54}{11\,951}$
296	11	-10	-13	0	28	-4	$\frac{6724}{3}$	0	$\frac{6724}{81}$	$-\frac{1681}{7037\,409}$	$-\frac{1681}{7037\,409}$	$-\frac{1681}{7037\,409}$
297	11	-10	-5	6	16	-6	$\frac{4}{135\,945}$	0	$\frac{4}{3671\,539}$	$-\frac{48}{135\,945}$	$-\frac{48}{135\,945}$	$-\frac{48}{135\,945}$
298	11	-10	-5	12	4	0	$\frac{430\,336}{283}$	$-\frac{1}{1681}$	$-\frac{430\,336}{2035}$	$-\frac{6724}{9047}$	$-\frac{6724}{9047}$	$-\frac{6724}{9047}$
299	12	-12	-24	3	54	-21	$\frac{10\,086}{6643}$	$-\frac{1}{1681}$	$-\frac{3362}{59\,915}$	$-\frac{5043}{53\,144}$	$-\frac{5043}{53\,144}$	$-\frac{5043}{53\,144}$
300	12	-12	-16	3	30	-5	$\frac{40\,834}{65}$	0	$\frac{13\,448}{5855}$	$-\frac{5043}{855\,351}$	$-\frac{5043}{855\,351}$	$-\frac{5043}{855\,351}$
301	12	-12	-8	3	30	-13	$-\frac{246}{9}$	$\frac{1}{1681}$	$-\frac{82}{243}$	$-\frac{5043}{21\,139\,407}$	$-\frac{5043}{21\,139\,407}$	$-\frac{5043}{21\,139\,407}$
302	12	-12	-8	9	18	-7	$\frac{8}{1}$	0	$\frac{8}{27}$	$-\frac{72}{293\,351}$	$-\frac{72}{293\,351}$	$-\frac{72}{293\,351}$
303	12	-11	-8	4	23	-8	$\frac{1}{45\,279}$	0	$\frac{1}{1223\,045}$	$-\frac{64}{45\,279}$	$-\frac{64}{45\,279}$	$-\frac{64}{45\,279}$
304	12	-11	-8	10	11	-2	$\frac{107\,584}{2201}$	0	$\frac{107\,584}{19\,873}$	$-\frac{1681}{70\,435}$	$-\frac{1681}{70\,435}$	$-\frac{1681}{70\,435}$
305	13	-13	-19	1	37	-7	$\frac{10\,086}{2}$	0	$\frac{3362}{81}$	$-\frac{5043}{7050\,999}$	$-\frac{5043}{7050\,999}$	$-\frac{5043}{7050\,999}$
306	13	-13	-11	7	25	-9	$\frac{26\,896}{20\,172}$	0	$\frac{26\,896}{6724}$	$-\frac{430\,361}{5043}$	$-\frac{430\,361}{5043}$	$-\frac{430\,361}{5043}$
307	13	-12	-11	2	30	-10	$-\frac{15\,075}{26\,896}$	0	$-\frac{407\,281}{26\,896}$	$-\frac{60\,300}{1681}$	$-\frac{60\,300}{1681}$	$-\frac{60\,300}{1681}$
308	13	-12	-11	8	18	-4	$\frac{408\,051}{107\,584}$	$-\frac{1}{1681}$	$-\frac{11\,017\,377}{107\,584}$	$-\frac{408\,051}{4303\,360}$	$-\frac{408\,051}{4303\,360}$	$-\frac{408\,051}{4303\,360}$
309	13	-12	-3	14	6	-6	$\frac{2}{2}$	0	$\frac{54}{54}$	$-\frac{128}{4704\,191}$	$-\frac{128}{4704\,191}$	$-\frac{128}{4704\,191}$
310	14	-14	-14	5	32	-11	$-\frac{1224\,153}{215\,168}$	$-\frac{1}{1681}$	$-\frac{33\,054\,179}{215\,168}$	$-\frac{1224\,153}{3362}$	$-\frac{1224\,153}{3362}$	$-\frac{1224\,153}{3362}$
311	14	-14	-6	17	8	-7	$-\frac{1254}{1681}$	0	$-\frac{33\,890}{1681}$	$-\frac{80\,256}{1681}$	$-\frac{80\,256}{1681}$	$-\frac{80\,256}{1681}$
312	14	-13	-14	6	25	-6	$-\frac{136\,053}{26\,896}$	$-\frac{1}{1681}$	$-\frac{3673\,431}{26\,896}$	$-\frac{544\,212}{1681}$	$-\frac{544\,212}{1681}$	$-\frac{544\,212}{1681}$
313	14	-13	-6	12	13	-8	$\frac{53\,791}{20\,172}$	0	$\frac{484\,119}{6724}$	$-\frac{1681}{816\,102}$	$-\frac{1681}{816\,102}$	$-\frac{1681}{816\,102}$
314	15	-15	-17	3	39	-13	$-\frac{408\,051}{53\,792}$	$-\frac{1}{1681}$	$-\frac{11\,018\,401}{53\,792}$	$-\frac{816\,102}{106\,720}$	$-\frac{816\,102}{106\,720}$	$-\frac{816\,102}{106\,720}$
315	15	-15	-9	15	15	-9	$-\frac{3335}{3362}$	0	$-\frac{90\,173}{3362}$	$-\frac{1681}{725\,760}$	$-\frac{1681}{725\,760}$	$-\frac{1681}{725\,760}$
316	15	-14	-17	4	32	-8	$-\frac{11\,340}{1681}$	$-\frac{1}{1681}$	$-\frac{306\,180}{1681}$	$-\frac{725\,760}{1681}$	$-\frac{725\,760}{1681}$	$-\frac{725\,760}{1681}$
317	5	-14	-9	10	20	-10	$\frac{1681}{135\,999}$	$-\frac{1}{1681}$	$-\frac{1681}{3672\,485}$	$-\frac{1681}{1087\,992}$	$-\frac{1681}{1087\,992}$	$-\frac{1681}{1087\,992}$
318	16	-16	-12	13	22	-11	$-\frac{13\,448}{28\,343}$	$-\frac{1}{1681}$	$-\frac{13\,448}{239\,669}$	$-\frac{1681}{425\,177}$	$-\frac{1681}{425\,177}$	$-\frac{1681}{425\,177}$
319	16	-15	-20	2	39	-10	$\frac{20\,172}{60\,489}$	$-\frac{1}{1681}$	$-\frac{6724}{1633\,203}$	$-\frac{5043}{967\,824}$	$-\frac{5043}{967\,824}$	$-\frac{5043}{967\,824}$
320	16	-15	-12	8	27	-12	$\frac{6724}{90\,639}$	$-\frac{1}{1681}$	$-\frac{6724}{2447\,765}$	$-\frac{1681}{1450\,224}$	$-\frac{1681}{1450\,224}$	$-\frac{1681}{1450\,224}$
321	17	-17	-15	11	29	-13	$\frac{6724}{80\,661}$	$-\frac{1}{1681}$	$-\frac{6724}{2177\,847}$	$-\frac{1681}{1290\,576}$	$-\frac{1681}{1290\,576}$	$-\frac{1681}{1290\,576}$
322	17	-16	-15	6	34	-14	$\frac{6724}{120\,789}$	$-\frac{1}{1681}$	$-\frac{6724}{3262\,327}$	$-\frac{1681}{1932\,624}$	$-\frac{1681}{1932\,624}$	$-\frac{1681}{1932\,624}$
323	18	-18	-18	9	36	-15	$\frac{6724}{26\,889}$	$-\frac{1}{1681}$	$-\frac{6724}{726\,003}$	$-\frac{1681}{1720\,887}$	$-\frac{1681}{1720\,887}$	$-\frac{1681}{1720\,887}$
324	18	-17	-18	4	41	-16	$-\frac{1681}{160\,917}$	$-\frac{1}{1681}$	$-\frac{1681}{4346\,807}$	$-\frac{1681}{2574\,672}$	$-\frac{1681}{2574\,672}$	$-\frac{1681}{2574\,672}$
325	19	-19	-21	7	43	-17	$-\frac{6724}{107\,139}$	$-\frac{1}{1681}$	$-\frac{6724}{2894\,801}$	$-\frac{1681}{3428\,457}$	$-\frac{1681}{3428\,457}$	$-\frac{1681}{3428\,457}$
326	20	-20	-24	5	50	-19	$\frac{3362}{3362}$	$-\frac{1}{1681}$	$-\frac{3362}{3362}$	$-\frac{1681}{1681}$	$-\frac{1681}{1681}$	$-\frac{1681}{1681}$

No	a_1	a_2	a_3	a_4	a_6	a_{12}	r_3	r_4	r_5	r_6	r_7	r_8
1	-14	15	30	-4	-15	0	14 748 959	- 9207 449	2658 959	66 848 833	- 776	- 1795 956
2	-13	13	27	-1	-13	-1	151 290	- 75 645	30 258	75 645	- 946	- 1681
3	-12	12	24	-3	-6	-3	66 889 111	- 44 867 921	4530 221	285 374 457	- 946	- 2084 661
4	-12	13	24	-2	-13	2	605 160	- 302 580	494 844	302 580	- 32	- 1681
5	-11	11	21	1	-11	1	4134 567	- 26 453 823	8272 45	16 872 399	- 32	- 2373 366
6	-11	12	13	8	-6	-4	33 620	- 151 290	60 516	16 810	- 5	- 1681
7	-11	12	21	-4	-6	0	1422 137	- 1512 592	187 075	3254 644	- 128	- 215 144
8	-10	10	10	11	-4	-5	- 151 290	- 75 645	10 086	- 75 645	- 15	- 1681
9	-10	10	18	-1	-4	-1	336 623	- 378 148	47 189	738 016	- 32	- 157 996
10	-10	11	10	6	1	-6	50 430	- 25 215	3362	25 215	- 5	- 1681
11	-10	11	18	0	-11	4	3508 273	- 2559 251	4067 181	14 032 143	- 81	- 5110 371
12	-9	9	7	9	3	-7	26 896	- 13 448	26 896	13 448	- 86	- 3362
13	-9	9	15	-3	3	-3	3483 821	- 4062 611	- 1534 973	7858 027	- 86	- 141 583
14	-9	9	15	3	-9	3	605 160	- 302 580	121 032	302 580	- 15	- 1681
15	-9	10	7	4	8	-8	72 107 769	- 53 737 519	17 250 777	284 943 663	- 1701	- 21 275 379
16	-9	10	7	4	8	-8	537 920	- 268 960	107 584	268 960	- 20	- 13 448
17	-9	10	7	10	-4	-2	597 601	- 756 296	96 059	1173 452	- 64	- 100 848
18	-8	8	4	7	10	-9	- 151 290	- 75 645	10 086	- 75 645	- 15	- 1681
19	-8	8	4	13	-2	-3	1141 703	- 1705 886	274 238	8987 112	- 432	- 2694 168
20	-8	8	12	1	-2	1	8405	- 94 537	1681	8405	- 5	- 1681
21	-8	8	20	-5	-14	11	103 067	- 25 215	11 377	285 364	- 8	- 44 542
22	-8	9	4	2	15	-10	50 430	- 3362	25 215	285 364	- 8	- 44 542
23	-8	9	4	8	3	-4	37 025 039	- 28 145 009	9116 415	144 622 233	- 891	- 11 054 637
24	-8	9	12	-4	3	0	268 960	- 134 480	53 792	134 480	- 10	- 6724
25	-8	9	12	2	-9	6	432 329	- 1987 757	- 770 443	509 863	- 14	- 60 113
26	-8	9	20	2	-9	-2	201 720	- 302 580	121 032	100 860	- 5	- 1681
27	-7	7	1	5	17	-11	103 067	- 94 537	14 153	35 928	- 5	- 35 928
28	-7	7	1	11	5	-1	67 240	- 33 620	13 448	33 620	- 5	- 1681
29	-7	7	9	-1	5	-1	1888 393	- 1321 431	2303 021	7283 263	- 90	- 2786 823
30	-7	7	9	5	-7	5	13 448	- 6724	13 448	6724	- 243	- 1681
31	-7	7	17	5	-7	-3	4414 887	- 7657 497	3120 983	7455 969	- 243	- 2501 685
32	-7	8	1	0	22	-12	2151 680	- 1075 840	430 336	1075 840	- 80	- 53 792
33	-7	8	1	6	10	-6	103 067	- 189 074	11 377	671 588	- 16	- 31 936
34	-7	8	1	12	-2	0	75 645	- 75 645	5043	75 645	- 15	- 1681
35	-7	8	9	0	-2	4	18 757 791	- 14 497 921	4728 607	72 725 337	- 459	- 5666 301
36	-7	8	17	-6	-14	14	134 480	- 67 240	26 896	67 240	- 5	- 3362
37	-7	8	17	0	-2	-4	- 3965 541	- 23 106 971	- 10 842 229	10 310 733	- 729	- 7505 055
38	-6	6	-2	3	24	-13	8606 720	- 4303 360	1721 344	4303 360	- 320	- 215 168
39	-6	6	6	6	-3	12	103 067	- 94 537	11 377	441 697	- 8	- 22 692
40	-6	6	6	3	0	3	268 960	- 134 480	53 792	134 480	- 10	- 6724
41	-6	6	6	3	0	3	9859 507	- 7674 377	2514 089	37 113 059	- 486	- 2931 789
42	-6	6	14	-3	-12	13	67 240	- 33 620	13 448	33 620	- 5	- 1681
43	-6	6	14	3	0	-5	4707 913	- 3695 383	1212 793	442 671	- 468	- 2879 478
44	-6	6	22	-3	-12	5	33 620	- 16 810	6724	410	- 5	- 1681
45	-6	7	-2	-2	29	-14	4864 233	- 7791 977	4600 263	25 222 671	- 243	- 2501 685
46	-6	7	-2	4	17	-8	4303 360	- 2151 680	860 672	2151 680	- 160	- 107 584
47	-6	7	-2	10	5	-2	103 067	- 94 537	11 377	562 729	- 8	- 22 692
48	-6	7	6	-2	5	2	151 290	- 75 645	10 086	75 645	- 15	- 1681
49	-6	7	6	4	-7	8	342 821	- 283 611	95 669	276 147	- 9	- 32 139
50	-6	7	14	-2	5	-6	1075 840	- 537 920	215 168	537 920	- 40	- 26 896
51	-6	7	14	4	-7	0	9758 647	- 7674 377	2521 255	36 575 169	- 486	- 2911 617
52	-5	5	-5	1	31	-15	680 281	- 433 367	2430 239	21 392 303	- 5	- 2889 773
53	-5	5	3	1	7	1	40 344	- 20 172	13 448	20 172	- 94	- 1681
54	-5	5	3	7	-5	7	450 817	- 850 833	475 279	2802 519	- 27	- 277 965
55	-5	5	3	7	-5	7	537 920	- 268 960	107 584	268 960	- 20	- 13 448
56	-5	5	11	-5	-5	11	25 166 487	- 6840 937	894 649	73 584 369	- 243	- 2738 853
57	-5	5	11	1	7	-7	17 213 440	- 8606 720	3442 688	8606 720	- 640	- 430 336
58	-5	5	11	7	-5	-1	103 067	- 94 537	11 377	58 429	- 1	- 3571
59	-5	6	-5	2	24	-10	403 440	- 201 720	26 896	201 720	- 5	- 3362
60	-5	6	-5	8	12	-4	1326 305	- 1168 063	668 519	4335 895	- 37	- 635 845
61	-5	6	3	-4	12	0	645 504	- 322 752	215 168	322 752	- 3	- 26 896
62	-5	6	3	2	0	6	9758 647	- 7674 377	2521 255	36 575 169	- 486	- 2911 617
63	-5	6	3	14	0	-6	67 240	- 33 620	13 448	33 620	- 5	- 1681
64	-5	6	11	2	0	-2	9384 413	- 7489 303	2473 185	35 987 631	- 474	- 2910 363
65	-5	6	11	2	0	-2	67 240	- 33 620	13 448	33 620	- 5	- 1681
66	-5	6	19	-4	-12	8	5924 771	- 2686 979	2286 509	33 620	- 81	- 833 895
67	-5	6	19	-4	-12	8	2151 680	- 1075 840	430 336	1075 840	- 80	- 53 792
68	-5	6	19	-4	-12	8	89 627	- 281 131	109 217	764 449	- 2	- 22 247
69	-5	6	19	-4	-12	8	201 720	- 302 580	121 032	100 860	- 3	- 1681
70	-5	6	19	-4	-12	8	136 687	- 94 537	24 809	268 960	- 20	- 13 448
71	-5	6	19	-4	-12	8	537 920	- 268 960	107 584	268 960	- 20	- 13 448
72	-5	6	19	-4	-12	8	1340 641	- 10 520 503	17 940 829	4335 895	- 37	- 1904 575
73	-5	6	19	-4	-12	8	430 336	- 189 074	11 377	58 429	- 1	- 3571
74	-5	6	19	-4	-12	8	9657 787	- 7674 377	2521 255	36 575 169	- 486	- 2911 617
75	-5	6	19	-4	-12	8	67 240	- 33 620	13 448	33 620	- 5	- 1681
76	-5	6	19	-4	-12	8	20 288 869	- 53 164 777	18 159 263	66 567 323	- 187	- 1949 069
77	-5	6	19	-4	-12	8	403 440	- 201 720	26 896	201 720	- 5	- 3362
78	-5	6	19	-4	-12	8	75 645	- 16 867 426	922 963	81 566 722	- 1424	- 2913 800
79	-5	6	19	-4	-12	8	598 539	- 283 611	5043	75 645	- 15	- 1681
80	-5	6	19	-4	-12	8	268 960	- 134 480	53 792	134 480	- 10	- 6724
81	-5	6	19	-4	-12	8	71 703	- 4263	79 261	209 061	- 0	- 14 823
82	-5	6	19	-4	-12	8	53 792	- 26 896	53 792	26 896	- 2	- 13 448
83	-5	6	19	-4	-12	8	103 067	- 94 537	11 377	42 431	- 0	- 1051
84	-5	6	19	-4	-12	8	605 160	- 302 580	121 032	302 580	- 15	- 1681
85	-5	6	19	-4	-12	8	195 099	- 283 811	203 253	276 147	- 9	- 213 687
86	-5	6	19	-4	-12	8	4303 360	- 2151 680	860 672	2151 680	- 160	- 107 584
87	-5	6	19	-4	-12	8	10 867 947	- 17 245 574	315 239	81 396 998	- 1456	- 2896 984
88	-5	6	19	-4	-12	8	75 645	- 75 645	1681	75 645	- 15	- 1681
89	-5	6	19	-4	-12	8	3	- 0	- 1	21	- 0	- 18
90	-5	6	19	-4	-12	8	27 855 073	- 22 644 983	2516 091	106 264 271	- 478	- 2930 953
91	-5	6	19	-4	-12	8	201 720	- 100 860	13 448	100 860	- 5	- 1681
92	-5	6	19	-4	-12	8	5023 137	- 985 313	1335 951	17 326 359	- 27	- 277 965
93	-5	6	19	-4	-12	8	1075 840	- 537 920	215 168	537 920	- 40	- 26 896
94	-5	6	19	-4	-12	8	203 927	- 94 537	4655	42 431	- 10	- 6724
95	-5	6	19	-4	-12	8	806 880	- 493 413	579 02	403 440	- 27	- 1004 157
96	-5	6	19	-4	-12	8	3409 377	- 883 413	1238 367	2802 519	- 640	- 430 336
97	-5	6	19	-4	-12	8	17 213 440	- 8606 720	3442 688	8606 720	- 37	- 634 365
98	-5	6	19	-4	-12	8	1347 809	- 3508 157	5962 079	4335 895	- 12	- 13 448
99	-5	6	19	-4	-12	8	322 752	- 484 128	968 256	161 376	- 486	- 2864 549
100	-5	6	19	-4	-12	8	9556 927	- 7674 377	2534 703	35 364 849	- 5	- 1681
101	-5	6	19	-4	-12	8	67 240	- 33 620	13 448	33 620	- 5	- 1681
102	-5	6	19	-4	-12	8	3	- 0	- 1	27	- 0	- 27
103	-5	6	19	-4	-12	8	5357 113	- 94 537	134 991	1925 151	- 3	- 30 885
10												

UNDER PEER REVIEW										40 920 767	34 200 097	3856 421	155 659 369	1444	2948 106
67	-4	4	8	-1	38	17				302 580	151 290	20 172	151 290	15	1681
68	-4	4	-8	5	26	-11				3826 059	418 091	- 875 653	12 230 493	9	92 655
69	-4	4	0	5	2	5				3019 179	408 891	107 881	268 960	20	13 448
70	-4	4	0	-1	14	-1				8606 720	4303 360	1721 344	4303 360	320	215 168
71	-4	4	0	17	2	-7				405 647	94 537	8795	42 431	1	14 499
72	-4	4	8	-1	-10	15				1210 320	605 160	80 688	605 160	15	3362
73	-4	4	8	-1	14	-9				1140 878 583	992 283 273	344 496 807	4390 200 081	31 347	382 460 373
74	-4	4	8	5	2	-3				8606 720	4303 360	1721 344	4303 360	320	215 168
75	-4	4	16	-1	-10	7				-36 851 639	31 939 657	-6029 227	-118 351 825	337	5746 497
76	-4	4	24	-1	-10	-1				15 492 096	7746 048	1721 344	7746 048	192	215 168
77	-4	5	-8	0	31	-12				8508 671	6915 649	31 067	31 097 929	-292	2832 114
78	-4	5	-8	6	19	-6				60 516	30 258	164	30 258	3	1681
79	-4	5	0	0	7	4				3	0	- 2	33	0	-36
80	-4	5	0	6	-5	10				108 647	94 777	10 781	352 129	-1681	3453
81	-4	5	0	12	7	-8				2880	1440	192	1440	8	1681
82	-4	5	8	-6	-5	14				35 023 063	62 370 946	87 205	218 219 602	5264	8776 872
83	-4	5	8	0	7	-4				75 645	75 645	123	75 645	15	1681
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85	-3	3	-11	3	33	-13				201 720	100 860	13 448	100 860	5	1681
86	-3	3	-3	3	9	3				91 417	954 113	544 551	272 079	-27	218 673
87	-3	3	-3	3	9	3				537 920	268 960	85 341	268 960	20	13 448
88	-3	3	-3	15	9	-9				1006 393	94 537	-85 341	849 311	1	64 087
89	-3	3	5	-3	-3	13				3227 520	1613 760	215 168	1613 760	40	21 896
90	-3	3	5	3	9	-5				158 657	934 113	507 929	13 448	-27	107 521
91	-3	3	5	9	-3	1				-8606 720	-4303 360	1721 344	4303 360	-320	215 168
92	-3	3	13	-3	-3	5				8985 387	3841 391	2638 925	34 507 539	-486	2972 133
93	-3	4	-11	-2	38	-14				67 240	16 810	13 448	33 620	5	1681
94	-3	4	-11	4	26	-8				20 306 843	17 899 093	2051 065	-66 079 021	63	645 089
95	-3	4	-3	2	14	2				9682 560	4841 280	645 504	4841 280	40	26 896
96	-3	4	-3	4	2	8				3	0	- 1	32	0	-32
97	-3	4	-3	10	14	-10				2	0	- 2	- 27	0	27
98	-3	4	5	-2	-10	18				8	0	- 4	0	3	30 385
99	-3	4	5	-2	14	-6				2754 633	229 017	-605 671	8380 191	10	6724
100	-3	4	5	4	2	0				268 960	134 480	53 792	134 480	10	11 952
101	-3	4	13	-2	-10	10				1909	124	16 835	0	0	1681
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103	-2	2	-14	1	40	-15				2351 193	229 017	-578 775	3000 991	3	107 584
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105	-2	2	-6	13	16	-11				109 451 115	100 170 837	178 564 167	423 272 061	-3159	107 584
106	-2	2	2	-5	4	11				860 672	430 336	860 672	430 336	32	1911 717
107	-2	2	2	1	-8	17				-20 517 469	53 169 737	-18 024 583	-65 760 443	187	53 792
108	-2	2	2	1	16	-7				6455 040	9682 560	-3873 024	3227 520	80	-48
109	-2	2	2	7	4	-1				3	0	- 1	40	0	81
110	-2	2	10	1	-8	9				2	0	- 2	- 27	0	1935 621
111	-2	2	18	1	-8	1				20 288 869	53 164 777	18 159 263	65 760 443	-187	3362
112	-2	3	-14	2	33	-10				403 440	605 160	242 064	201 720	5	3437
113	-2	3	-6	-4	21	0				6130 153	101 977	-87 821	16 986 911	2	1681
114	-2	3	-6	2	9	6				605 160	302 580	40 344	302 580	15	967 347
115	-2	3	-6	8	21	-12				2263 313	3965 583	1762 849	147 471	-117	26 896
116	-2	3	2	-4	-3	16				1075 840	537 920	215 168	13 120	40	39 293
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118	-2	3	2	8	-3	4				4841 280	2420 640	322 752	2420 640	60	1451 475
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121	-1	1	-17	-1	47	-17				8281 947	6931 187	33 620	33 620	5	1681
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123	-1	1	-9	11	23	-13				187 875 913	159 131 063	5912 337	591 434 351	-1679	430 336
124	-1	1	-1	-1	-1	15				154 920 960	77 460 480	3442 688	77 460 480	1920	75 149
125	-1	1	-1	-1	23	-9				889 847	87 097	-657	12 060 769	2	1681
126	-1	1	-1	5	11	-3				605 160	302 580	13 448	302 580	15	237 415
127	-1	1	-1	11	-1	3				1	0	- 1	- 15	0	13 448
128	-1	1	7	-1	-1	7				4	94 777	-10 781	-350 689	1681	10 295
129	-1	1	7	11	-1	-5				3760	2880	2880	300 784 489	120	3437
130	-1	1	15	-1	-1	-1				91 762 727	79 703 617	9000 445	300 784 489	-3364	5852 746
131	-1	2	-17	0	40	-12				302 580	151 290	20 172	151 290	15	1681
132	-1	2	-9	0	16	4				5645 953	497 977	-421 541	16 986 911	5	10 295
133	-1	2	-9	6	28	-14				403 440	201 720	26 896	201 720	1	3362
134	-1	2	-1	-6	4	14				5040 793	497 977	408 093	7304 351	5	225 463
135	-1	2	-1	0	-8	20				6455 040	3227 520	430 336	3227 520	80	53 792
136	-1	2	-1	0	16	-4				259 723 191	255 005 161	94 118 567	1012 119 057	8019	97 135 605
										2151 680	1075 840	430 336	1075 840	80	53 792
										10 311 391	8817 661	-2967 847	-32 800 577	31	316 657
										2420 640	1210 320	484 128	1210 320	30	6724
										781 985	661 759	1107 173	2486 719	21	1067 527
										430 336	215 168	430 336	215 168	16	53 792
										3	0	- 1	48	0	-64
										2	0	- 2	- 27	0	27
										8	0	- 4	0	3	30 385
										108 647	94 777	10 781	350 689	1681	10 295
										3840	1920	256	1920	80	32
										109 007	94 777	10 773	356 449	-1681	10 423
										240	16	178 395	264 405	5	2
										98 663	68 141	13 448	6724	-6	124 779
										13 448	9724	362 185	2378 209	-1	1681
										2059 847	84 617	-484 128	1210 320	-1	20 483
										2420 640	1210 320	484 128	1210 320	30	6724
										91 939	907 511	185 119	318 197	-3	162 123
										215 168	107 584	215 168	107 584	8	2972 133
										8010 407	7707 397	2817 111	31 930 349	-486	2972 133
										67 240	33 620	13 448	33 620	5	1681
										196 757	41 465	276 373	620 419	7	237 415
										121 032	15 129	121 032	60 516	-6	13 448
										1	0	- 1	- 8	0	24
										2	0	- 2	- 27	0	81
										37	- 1	39	- 27	0	- 1681
										32	16	32	16	559	1919 803
										60 902 393	52 990 583	-18 050 057	-196 155 871	30	6724
										2420 640	1210 320	484 128	1210 320	-486	2690 811
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			</												

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353 089	-	1681	-	10 375
240	-	10	-	7582 73
266 311 723	-	747	-	215 16
12 910 080	-	320	-	48
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2282 769	-	243	-	215 16
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65 558 723	-	187	-	3362
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2560	-	320	-	243 44
28 607 229	-	486	-	1681
33 620	-	5	-	31 077
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69 336 229	-	362	-	1681
302 580	-	15	-	288 85
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77 460 480	-	1920	-	75 149
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296 548 369	-	3364	-	5812 40
151 290	-	15	-	1681
23 100 273	-	243	-	13 915 8
26 896	-	2	-	6724
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2151 680	-	160	-	107 58
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150 902 951	-	359	-	1090 43
4841 280	-	120	-	26 896
21 378 929	-	486	-	2972 13
33 620	-	5	-	1681
636 141 173	-	187	-	6534 96
77 460 480	-	1920	-	430 336
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21 378 929	-	243	-	3318 3
16810	-	40	-	26 896
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65 962 163	-	9843	-	100 436 3
201 720	-	640	-	430 336
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351 009	-	19 686	-	102 073 5
1158 713 329	-	5	-	1681
160	-	2	-	75 14
33 620	-	15	-	1681
7304 351	-	1681	-	3389
302 580	-	120	-	16
355 369	-	120	-	16
2880	-	120	-	16

UNDER PEER REVIEW

[illegible]

UNDER PEER REVIEW							983 189 491	857 258 989	1462 788 895	3186 788 373	27 135	1403 458 245
277	9	-9	-15	-2	26	2	<u>26 896</u> <u>1391 699 969</u>	<u>13 448</u> <u>1208 586 799</u>	<u>26 896</u> <u>136 927 099</u>	<u>13 448</u> <u>4455 537 943</u>	<u>12 727</u> <u>12 727</u>	<u>3362</u> <u>43 503 611</u>
278	9	-8	-15	-2	26	2	<u>4841 280</u> <u>34 234 007</u>	<u>27 275</u> <u>6598 640</u>	<u>322 752</u> <u>3019 321</u>	<u>2420 675</u> <u>25 682 289</u>	<u>60</u> <u>486</u>	<u>43 348</u> <u>47 348</u>
279	9	-8	-15	4	38	-16	<u>67 240</u> <u>329 821</u>	<u>33 620</u> <u>284 171</u>	<u>13 448</u> <u>1056 987</u>	<u>33 620</u> <u>1056 987</u>	<u>5</u> <u>15 129</u>	<u>1681</u> <u>92 079</u>
280	9	-8	-7	4	14	0	<u>160</u> <u>2183 482 397</u>	<u>80</u> <u>1904 167 267</u>	<u>32</u> <u>649 794 157</u>	<u>80</u> <u>7081 498 299</u>	<u>10</u> <u>120 546</u>	<u>4</u> <u>623 913 111</u>
281	9	-8	1	4	14	-8	<u>67 240</u> <u>8814 807</u>	<u>33 620</u> <u>7676 937</u>	<u>13 448</u> <u>2617 031</u>	<u>33 620</u> <u>28 483 569</u>	<u>5</u> <u>408 483</u>	<u>1681</u> <u>2505 573</u>
282	9	-8	1	10	2	-2	<u>640</u> <u>31 521 693</u>	<u>320</u> <u>9562 057</u>	<u>128</u> <u>11 573 235</u>	<u>320</u> <u>19 227 249</u>	<u>40</u> <u>486</u>	<u>16</u> <u>12 701 637</u>
283	10	-10	-18	7	40	-17	<u>67 240</u> <u>490 349 841</u>	<u>33 620</u> <u>424 383 731</u>	<u>13 448</u> <u>144 355 585</u>	<u>33 620</u> <u>1576 043 147</u>	<u>5</u> <u>26 898</u>	<u>1681</u> <u>138 022 103</u>
284	10	-10	-10	1	28	-7	<u>67 240</u> <u>1262 193</u>	<u>33 620</u> <u>178 157 877</u>	<u>13 448</u> <u>30 131 579</u>	<u>33 620</u> <u>331 493 517</u>	<u>5</u> <u>11 286</u>	<u>1681</u> <u>57 700 107</u>
285	10	-10	-10	7	16	-1	<u>410</u> <u>3280 472 739</u>	<u>33 620</u> <u>2860 088 089</u>	<u>6724</u> <u>975 783 763</u>	<u>16 810</u> <u>10 627 019 793</u>	<u>5</u> <u>181 062</u>	<u>1681</u> <u>935 903 349</u>
286	10	-10	-2	7	16	-9	<u>67 240</u> <u>26 486 661</u>	<u>33 620</u> <u>23 029 531</u>	<u>13 448</u> <u>7842 005</u>	<u>33 620</u> <u>85 450 707</u>	<u>5</u> <u>1225 449</u>	<u>1681</u> <u>7505 055</u>
287	10	-10	-2	13	4	-3	<u>1280</u> <u>1183 252</u>	<u>640</u> <u>271 780</u>	<u>256</u> <u>766 668</u>	<u>640</u> <u>1918 292</u>	<u>80</u> <u>-96</u>	<u>32</u> <u>7386 768</u>
288	10	-9	-18	2	45	-18	<u>1681</u> <u>110 107</u>	<u>1681</u> <u>94 697</u>	<u>1681</u> <u>32 019</u>	<u>1681</u> <u>352 649</u>	<u>1681</u> <u>10 086</u>	<u>1681</u> <u>-30 669</u>
289	10	-9	-10	2	21	-2	<u>40</u> <u>364 263 474</u>	<u>20</u> <u>635 383 728</u>	<u>8</u> <u>108 314 546</u>	<u>20</u> <u>236 1620 416</u>	<u>5</u> <u>160 896</u>	<u>1681</u> <u>832 260 192</u>
290	10	-9	-2	2	21	-10	<u>8405</u> <u>2939 789</u>	<u>8405</u> <u>2558 979</u>	<u>1681</u> <u>872 029</u>	<u>8405</u> <u>9492 363</u>	<u>5</u> <u>136 161</u>	<u>1681</u> <u>-834 543</u>
291	10	-9	-2	8	9	-4	<u>160</u> <u>28 809 379</u>	<u>80</u> <u>25 722 651</u>	<u>32</u> <u>20 127 149</u>	<u>80</u> <u>64 136 787</u>	<u>10</u> <u>1458</u>	<u>4</u> <u>20 629 359</u>
292	11	-11	-21	5	47	-19	<u>67 240</u> <u>5373 503</u>	<u>33 620</u> <u>189 514 313</u>	<u>13 448</u> <u>320 411 555</u>	<u>33 620</u> <u>705 420 225</u>	<u>5</u> <u>6003</u>	<u>1681</u> <u>306 816 057</u>
293	11	-11	-13	5	23	-3	<u>1312</u> <u>4377 463 081</u>	<u>26 896</u> <u>3816 008 911</u>	<u>53 792</u> <u>1301 773 369</u>	<u>26 896</u> <u>14 172 541 287</u>	<u>2</u> <u>241 578</u>	<u>6724</u> <u>1247 893 587</u>
294	11	-11	-5	5	23	-11	<u>67 240</u> <u>8838 927</u>	<u>33 620</u> <u>7676 297</u>	<u>13 448</u> <u>2612 487</u>	<u>33 620</u> <u>28 483 569</u>	<u>5</u> <u>408 483</u>	<u>1681</u> <u>2499 741</u>
295	11	-11	-5	11	11	-5	<u>320</u> <u>247 083 827</u>	<u>160</u> <u>212 128 857</u>	<u>160</u> <u>71 622 915</u>	<u>160</u> <u>791 135 329</u>	<u>8</u> <u>13 446</u>	<u>1681</u> <u>68 675 381</u>
296	11	-10	-13	0	28	-4	<u>67 240</u> <u>980 603</u>	<u>33 620</u> <u>852 993</u>	<u>13 448</u> <u>290 539</u>	<u>33 620</u> <u>3163 761</u>	<u>5</u> <u>90 774</u>	<u>1681</u> <u>-277 965</u>
297	11	-10	-5	6	16	-6	<u>40</u> <u>218 020 017</u>	<u>20</u> <u>7728 093 671</u>	<u>8</u> <u>13 108 630 733</u>	<u>20</u> <u>28 705 994 271</u>	<u>5</u> <u>244 701</u>	<u>107 584</u> <u>12 540 957 111</u>
298	11	-10	-5	12	4	0	<u>20 992</u> <u>5144 339</u>	<u>430 336</u> <u>28 440 451</u>	<u>860 672</u> <u>17 060 477</u>	<u>430 336</u> <u>83 319 707</u>	<u>32</u> <u>396</u>	<u>33 871 950</u> <u>33 871 950</u>
299	12	-12	-24	3	54	-21	<u>33 620</u> <u>17 838 741</u>	<u>16 810</u> <u>629 200 251</u>	<u>6724</u> <u>212 763 677</u>	<u>16 810</u> <u>2341 495 187</u>	<u>5</u> <u>19 929</u>	<u>1681</u> <u>203 706 879</u>
300	12	-12	-16	3	30	-5	<u>3280</u> <u>584 081 837</u>	<u>67 240</u> <u>509 048 291</u>	<u>26 896</u> <u>868 115 185</u>	<u>67 240</u> <u>1888 365 091</u>	<u>5</u> <u>64 452</u>	<u>3362</u> <u>1663 526 982</u>
301	12	-12	-8	3	30	-13	<u>3362</u> <u>2948 069</u>	<u>3362</u> <u>2558 659</u>	<u>3362</u> <u>870 229</u>	<u>3362</u> <u>9495 603</u>	<u>1681</u> <u>136 161</u>	<u>1681</u> <u>-832 599</u>
302	12	-12	-8	9	18	-7	<u>80</u> <u>163 578</u>	<u>40</u> <u>284 331</u>	<u>16</u> <u>48 394</u>	<u>40</u> <u>1054 587</u>	<u>5</u> <u>121 032</u>	<u>2</u> <u>-370 332</u>
303	12	-11	-8	4	23	-8	<u>5</u>	<u>5</u>		<u>5</u>	<u>5</u>	
304	12	-11	-8	10	11	-2	<u>363 480 579</u>	<u>12 868 844 469</u>	<u>4362 339 275</u>	<u>47 824 545 933</u>	<u>407 511</u>	<u>4174 348 041</u>
305	13	-13	-19	1	37	-7	<u>26 240</u> <u>242 152 277</u>	<u>537 920</u> <u>208 535 697</u>	<u>215 168</u> <u>70 555 381</u>	<u>537 920</u> <u>775 179 929</u>	<u>40</u> <u>26 412</u>	<u>26 896</u> <u>135 031 498</u>
306	13	-13	-11	7	25	-9	<u>33 620</u> <u>983 733</u>	<u>16 810</u> <u>852 833</u>	<u>6724</u> <u>289 845</u>	<u>16 810</u> <u>3165 921</u>	<u>5</u> <u>181 548</u>	<u>1681</u> <u>-554 634</u>
307	13	-12	-11	2	30	-10	<u>29</u> <u>2936 28 599</u>	<u>50</u> <u>2549 29 289</u>	<u>10</u> <u>867 148 023</u>	<u>10</u> <u>9456 166 353</u>	<u>5</u> <u>161 382</u>	<u>1681</u> <u>829 422 789</u>
308	13	-12	-11	8	18	-4	<u>67 240</u> <u>24 222 027</u>	<u>33 620</u> <u>856 827 661</u>	<u>13 448</u> <u>1451 699 063</u>	<u>33 620</u> <u>3185 699 085</u>	<u>5</u> <u>27 135</u>	<u>1681</u> <u>1389 008 493</u>
309	13	-12	-3	14	6	-6	<u>1312</u> <u>133 325 184 591</u>	<u>26 896</u> <u>116 017 286 481</u>	<u>53 792</u> <u>39 528 945 855</u>	<u>26 896</u> <u>430 702 581 177</u>	<u>2</u> <u>3672 459</u>	<u>6724</u> <u>37 859 259 789</u>
310	14	-14	-14	5	32	-11	<u>1075 840</u> <u>656 577</u>	<u>537 920</u> <u>568 502</u>	<u>215 168</u> <u>193 057</u>	<u>537 920</u> <u>2111 334</u>	<u>40</u> <u>242 064</u>	<u>26 896</u> <u>-738 936</u>
311	14	-14	-6	17	8	-7	<u>40</u> <u>400 562 653 293</u>	<u>5</u> <u>348 028 151 283</u>	<u>2</u> <u>118 457 563 581</u>	<u>5</u> <u>1292 107 743 531</u>	<u>5</u> <u>11 017 377</u>	<u>1681</u> <u>113 416 431 255</u>
312	14	-13	-14	6	25	-6	<u>2151 680</u> <u>10 084 219</u>	<u>1075 840</u> <u>356 349 374</u>	<u>430 336</u> <u>120 649 029</u>	<u>1075 840</u> <u>1325 368 908</u>	<u>80</u> <u>90 288</u>	<u>53 792</u> <u>461 963 952</u>
313	14	-13	-6	12	13	-8	<u>410</u> <u>44 480 066 793</u>	<u>8405</u> <u>38 681 944 103</u>	<u>3362</u> <u>13 174 019 833</u>	<u>8405</u> <u>143 586 304 911</u>	<u>5</u> <u>1224 477</u>	<u>1681</u> <u>12 613 912 515</u>
314	15	-15	-17	3	39	-13	<u>268 960</u> <u>5893 408 897</u>	<u>134 480</u> <u>5096 005 607</u>	<u>53 792</u> <u>1729 082 513</u>	<u>134 480</u> <u>18 937 193 279</u>	<u>10</u> <u>322 746</u>	<u>6724</u> <u>1654 880 043</u>
315	15	-15	-9	15	15	-9	<u>67 240</u> <u>133 618 734 351</u>	<u>33 620</u> <u>116 005 432 401</u>	<u>13 448</u> <u>39 464 308 863</u>	<u>33 620</u> <u>430 702 581 177</u>	<u>5</u> <u>3672 459</u>	<u>1681</u> <u>37 778 585 733</u>
316	15	-14	-17	4	32	-8	<u>537 920</u> <u>5366 123</u>	<u>268 960</u> <u>189 541 209</u>	<u>107 584</u> <u>320 767 927</u>	<u>268 960</u> <u>705 016 785</u>	<u>20</u> <u>24 012</u>	<u>13 448</u> <u>614 116 242</u>
317	5	-14	-9	10	20	-10	<u>164</u> <u>371 006 859</u>	<u>3362</u> <u>644 809 044</u>	<u>6724</u> <u>548 736 215</u>	<u>3362</u> <u>2393 475 966</u>	<u>1681</u> <u>163 296</u>	<u>1681</u> <u>4202 360 352</u>
318	16	-16	-12	13	22	-11	<u>1681</u> <u>44 569 333 779</u>	<u>1681</u> <u>38 661 744 149</u>	<u>1681</u> <u>13 145 144 515</u>	<u>1681</u> <u>143 558 138 133</u>	<u>5</u> <u>1223 991</u>	<u>1681</u> <u>12 582 336 609</u>
319	16	-15	-20	2	39	-10	<u>134 480</u> <u>2921 635 711</u>	<u>67 240</u> <u>2517 426 021</u>	<u>26 896</u> <u>852 104 463</u>	<u>67 240</u> <u>9359 752 237</u>	<u>5</u> <u>159 438</u>	<u>3362</u> <u>815 503 857</u>
320	16	-15	-12	8	27	-12	<u>67 240</u> <u>19 806 501 409</u>	<u>33 620</u> <u>17 198 748 739</u>	<u>13 448</u> <u>5850 411 441</u>	<u>33 620</u> <u>63 838 889 883</u>	<u>5</u> <u>1088 802</u>	<u>1681</u> <u>5599 780 695</u>
321	17	-17	-15	11	29	-13	<u>67 240</u> <u>29 729 059 419</u>	<u>33 620</u> <u>25 765 563 269</u>	<u>13 448</u> <u>8755 254 795</u>	<u>33 620</u> <u>95 688 618 813</u>	<u>5</u> <u>1631 502</u>	<u>1681</u> <u>8379 976 257</u>
322	17	-16	-15	6	34	-14	<u>67 240</u> <u>26 436 351 961</u>	<u>33 620</u> <u>22 930 121 991</u>	<u>13 448</u> <u>7795 839 465</u>	<u>33 620</u> <u>85 141 066 527</u>	<u>5</u> <u>1451 898</u>	<u>1681</u> <u>7461 555 435</u>
323	18	-18	-18	9	36	-15	<u>67 240</u> <u>39 651 617 429</u>	<u>33 620</u> <u>34 334 377 799</u>	<u>13 448</u> <u>11 660 098 149</u>	<u>33 620</u> <u>127 538 347 743</u>	<u>5</u> <u>2174 202</u>	<u>1681</u> <u>11 160 171 819</u>
324	18	-17	-18	4	41	-16	<u>67 240</u> <u>8821 732 789</u>	<u>33 620</u> <u>7643 230 979</u>	<u>13 448</u> <u>2596 714 117</u>	<u>33 620</u> <u>28 389 856 683</u>	<u>5</u> <u>1936 008</u>	<u>1681</u> <u>9941 892 732</u>
325	19	-19	-21	7	43	-17	<u>16 810</u> <u>52 868 882 897</u>	<u>8405</u> <u>45 738 633 607</u>	<u>3362</u> <u>15 524 356 833</u>	<u>8405</u> <u>169 935 628 959</u>	<u>5</u> <u>2896 506</u>	<u>1681</u> <u>14 858 788 203</u>
326	20	-20	-24	5	50	-19	<u>67 240</u> <u>35 223 417 319</u>	<u>33 620</u> <u>30 482 171 649</u>	<u>13 448</u> <u>10 330 928 599</u>	<u>33 620</u> <u>113 135 915 593</u>	<u>5</u> <u>3857 004</u>	<u>1681</u> <u>19 775 683 674</u>
							<u>33 620</u>	<u>16 810</u>	<u>6724</u>	<u>16 810</u>	<u>5</u>	<u>1681</u>